



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

### About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

R E G I S T E R

1917/18-1918/19

6655  
9

LIBRARY  
OF  
PRINCETON UNIVERSITY

# BULLETIN OF THE TULANE UNIVERSITY OF LOUISIANA

---

SERIES 19

OCTOBER 1, 1918

NUMBER 13

## THE REGISTER



1917-1918



Published monthly (except June, July and August, when published semi-monthly), by the Tulane University of Louisiana.

---

Entered August 6, 1906, at the Post Office at New Orleans, La., as second-class matter, under Act of Congress of July 16, 1894.



**LIBRARY OF PRINCETON UNIVERSITY**

Presented by

*Julane Univ. of La.*



100

YTI200000  
YIARBL  
L.N. NOT30000

## TABLE OF CONTENTS

	PAGE
CALENDAR . . . . .	7
BOARD OF ADMINISTRATORS . . . . .	8
THE UNIVERSITY: HISTORICAL STATEMENT . . . . .	9
OFFICERS OF INSTRUCTION AND ADMINISTRATION . . . . .	21
REQUIREMENTS FOR ADMISSION . . . . .	44
GENERAL INFORMATION . . . . .	62
THE COLLEGE OF ARTS AND SCIENCES . . . . .	87
THE COLLEGE OF TECHNOLOGY . . . . .	123
THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE . . . . .	177
THE FACULTY OF GRADUATE STUDIES . . . . .	267
THE COLLEGE OF LAW . . . . .	293
THE SCHOOL OF MEDICINE . . . . .	310
THE GRADUATE SCHOOL OF MEDICINE . . . . .	335
THE SCHOOL OF DENTISTRY . . . . .	344
THE SCHOOL OF PHARMACY . . . . .	356
THE SCHOOL OF HYGIENE AND TROPICAL MEDICINE . . . . .	363
THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION . . . . .	375
COURSES FOR TEACHERS . . . . .	385
TULANE SUMMER SCHOOL, 1918 . . . . .	386
CATALOGUE OF STUDENTS . . . . .	389
STATISTICAL SUMMARIES . . . . .	442
DEGREES CONFERRED, 1917-1918 . . . . .	444
INDEX . . . . .	449

6655  
 6739  
 123000  
 916

1917/18  
 1918/19

(RECAP)

FEB 12 1919

402820

CALENDAR, 1918.							1919.						
JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
.	.	1	2	3	4	5	.	1	2	3	4	5	6
6	7	8	9	10	11	12	7	8	9	10	11	12	13
13	14	15	16	17	18	19	14	15	16	17	18	19	20
20	21	22	23	24	25	26	21	22	23	24	25	26	27
27	28	29	30	31	.	.	28	29	30	31	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.
FEBRUARY							AUGUST						
.	.	.	.	.	1	2	.	.	.	.	1	2	3
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	.	.	25	26	27	28	29	30	31
.	.	.	.	.	.	.	.	.	.	.	.	.	.
MARCH							SEPTEMBER						
.	.	.	.	.	1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	15	16	17	18	19	20	21
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.
APRIL							OCTOBER						
.	1	2	3	4	5	6	.	.	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	.	.	.	.	27	28	29	30	31	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.
MAY							NOVEMBER						
.	.	.	1	2	3	4	.	.	.	.	.	1	2
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	.	24	25	26	27	28	29	30
.	.	.	.	.	.	.	.	.	.	.	.	.	.
JUNE							DECEMBER						
.	.	.	.	.	.	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	29	30	31	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.
JANUARY							FEBRUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
.	.	.	1	2	3	4	.	.	.	.	1	2	3
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31	.	26	27	28	29	30	31	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.

## CALENDAR

1918-1919

---

[The college year is divided into two terms]

---

### 1918

Sept. 13	Friday	}	Entrance and Condition Examinations for all Colleges of the University.
Sept. 21	Saturday		
Sept. 23	Monday		Registration of New Students.
Sept. 24	Tuesday		Registration of Old Students.
Sept. 25	Wednesday		Instruction begins.
Nov. 1	Friday		All Saints' Day. A holiday.
Nov. 28	Thursday		Thanksgiving Day. A holiday.
Dec. 22	Sunday		Christmas holidays begin.

### 1919

Jan. 3	Friday	University reopens, 8:30 a. m.
Feb. 1	Saturday	Second Term begins.
March 4	Tuesday	Mardi Gras. A holiday.
April 18	Friday	Good Friday. A holiday.
June 4	Wednesday	University Commencement.



## BOARD OF ADMINISTRATORS

ROBERT MILLER WALMSLEY, President,	1313 First Street
WILLIAM RADCLIFFE IRBY, First Vice- President,	914 Canal St.
CHARLES JANVIER, Second Vice-President.	1445 Webster Street
EDGAR HOWARD FARRAR, M.A.,	2209 St. Charles Avenue
WALTER ROBINSON STAUFFER,	1506 Jackson Avenue
HENRY GINDER,	1320 Philip Street
JOHN BAPTIST LEVERT, B. Sc.,	1530 Third Street
WALKER BRAINERD SPENCER, A. B., LL. B.,	3222 Coliseum Street
JOHN DYMOND, Jr., A. B., LL. B.,	2341 Camp Street
CHARLES ROSEN, A. B., LL. B.,	12 Rosa Park
ALFRED RAYMOND, B. S., M. E.,	1324 Nashville Avenue
ABRAHAM BRITTIN,	1448 Fourth Street
JOHN CALLAN, M. D.,	1712 Baronne Street
ERNEST LEE JAHNCKE, B. E.,	1823 Palmer Avenue
JOSEPH A. BREAUX, LL. B.,	1728 Canal Street
MARCUS JOHN MAGRUDER, M. D.,	1230 Louisiana Avenue
ESMOND PHELPS, A. B., LL. B.,	1438 Harmony Street

### Ex Officio

RUFFIN G. PLEASANT.....	Governor of Louisiana
MARTIN BEHRMAN.....	Mayor of New Orleans
THOMAS H. HARRIS....	State Superintendent of Public Education

**Secretary and Treasurer of the Board: L. André Wogan.**

## COMMITTEES

**Finance Committee:** W. R. Irby, CHAIRMAN, A. Brittin, Henry Ginder, John B. Levert, Walter R. Stauffer,

**Real Estate Committee:** Charles Janvier, CHAIRMAN, Henry Ginder, John B. Levert, Charles Rosen, Alfred Raymond.

**Committee on Education:** Edgar H. Farrar, CHAIRMAN, Alfred Raymond, VICE-CHAIRMAN, Charles Rosen, Walker B. Spencer, John Dymond, Jr., John Callan, Joseph A. Breaux, M. J. Magruder, Esmond Phelps.

**Committee on Rules:** Henry Ginder, CHAIRMAN, Charles Janvier, Walter R. Stauffer.

**Law Committee:** Charles Rosen, CHAIRMAN, Walker B. Spencer, Edgar H. Farrar,

**Tulane Advisory Committee:** John Dymond, Jr., CHAIRMAN, Alfred Raymond, Ernest L. Jahncke.

**Newcomb Advisory Committee:** Charles Rosen, CHAIRMAN, Charles Janvier, W. R. Irby.

**Medical Advisory Committee:** John Callan, CHAIRMAN, M. J. Magruder, John Dymond, Jr.

## ORGANIZATION

---

The Tulane University of Louisiana comprehends the following: the College of Arts and Sciences, the College of Technology, the H. Sophie Newcomb Memorial College for Young Women, the Faculty of Graduate Studies, the College of Law, the College of Medicine, and the College of Commerce and Business Administration. The College of Medicine includes the Schools of Medicine, Pharmacy, Dentistry, Hygiene and Tropical Medicine, and the Graduate School of Medicine (Polyclinic). The College of Technology includes the Schools of Mechanical and Electrical Engineering, Civil Engineering, Chemistry and Chemical Engineering, and Architecture and Architectural Engineering. The H. Sophie Newcomb Memorial College includes the Schools of Art, Music, and Household Economy.

As now constituted, the Tulane University of Louisiana is the result of a contract entered into in 1884 by the State of Louisiana and the Board of Administrators of the Tulane Educational Fund. This contract placed the existing University of Louisiana under the perpetual care of the Tulane Administrators, with all its property, powers, privileges, immunities, and franchises, and with such other powers as might be necessary to enable them to "foster, maintain, and develop a great university in the city of New Orleans." By the act, No. 43 of the Session of 1884, making this contract, the name of the institution was changed to The Tulane University of Louisiana.

The starting point of the University of Louisiana was the organization of the Medical College of Louisiana, in September, 1834. This institution was chartered April 2, 1835; and in March, 1836, it issued the first degrees in medicine or science ever conferred in Louisiana or the Southwest. The state constitution of 1845 ordained as follows:

ART. 137. An University shall be established in the city of New Orleans. It shall be composed of four faculties, to wit: one of law, one of medicine, one of the natural sciences, and one of letters.

ART. 138. It shall be called the University of Louisiana, and the Medical College of Louisiana, as at present organized, shall constitute the faculty of medicine.

ART. 139. The Legislature shall provide by law for its further organization and government, but shall be under no obligation to contribute to the establishment or support of said University by appropriations.

The act of organization (Acts of 1847, No. 49), with some trifling changes, was re-enacted in 1855, and is substantially embodied in the revised statutes of 1856 and 1870.

The Law Department, now the College of Law, was organized under a plan adopted by the Board of Administrators on May 4, 1847.

In the years following the organization of the University, the legislature at different times made appropriations amounting in the aggregate to something over \$100,000 toward a building and equipment for the Medical Department, now the School of Medicine, but this sum was largely augmented by appropriations by the faculty from moneys received for tuition and by personal contributions.

An effort to inaugurate an academic department was made by the Administrators of the University at a meeting held June 1, 1847, when a committee was appointed "to report on the expediency of organizing the department of letters and natural sciences, and on the means that can be commanded to that effect." Since the legislature had provided no funds for the support of the University, it was suggested that funds be raised for the purpose; but the only practical results were donations of \$500 each by Glendy Burke, the first given to the Academic Department, and by Judah Touro. These funds were dedicated to the establishment of prizes in elocution and Hebrew; they are now largely increased by the accumulation of compound interest. About 1847 a small appropriation was obtained from the State, and an academic building was erected.

The department closed in 1859, and, the civil war intervening, no efforts were made for sixteen years to sustain an academic department. After the restoration of civil government in Louisiana in 1876, the newly appointed Board of Administrators determined to put in operation again the academic department so long contemplated. It was organized, and on November 4, 1878, it reopened its doors. The Board memorialized the constitutional convention of 1879, and, through its action, aid was given for the first time to the academic department. The constitution of 1879 contained the following provisions :

---

#### CONCERNING A STATE UNIVERSITY

Art. 320. The University of Louisiana, as at present established and located at New Orleans, is hereby recognized in its three departments, to wit : the law, the medical, and the academical departments, to be governed and controlled by appropriate faculties. The general assembly shall, from time to time, make such provisions for the proper government and maintenance and support of said State University of Louisiana, and all the departments thereof, as the public necessities and well-being of the people of the State of Louisiana may require, not to exceed \$10,000 annually.

Under this provision the legislature made an annual grant of \$10,000 until 1884, \$50,000 in all, when it was relieved from this obligation by its contract with the Administrators of the Tulane Educational Fund.

The Academic Department, thus recognized and modestly supported, made marked progress during the six years of its existence before

the Tulane Administrators took control. Besides its tuition fees and the appropriations from the State referred to above, it received a donation of \$1000 from Mr. Charles T. Howard, of New Orleans, for the equipment of the chemical department, and one of \$20,000 from Mr. Paul Tulane for the purchase of the building formerly known as Tulane Hall, in Dryades Street, the original home of the Academic Department. Nevertheless, the Academic Department was seriously handicapped forlack of funds; and its great development was not then possible.

The greatest epoch in the educational history of the State of Louisiana began with the donation by Paul Tulane, in 1882, of his New Orleans property for the higher education of "the white young persons in the city of New Orleans." Though at the time a resident of Princeton, N. J., Mr. Tulane had been for many years a merchant in New Orleans, where the foundation of his fortune was laid. He called in consultation Mr. James McConnell Sr., of New Orleans, his Attorney, and General Randall Lee Gibson, then United States Senator from Louisiana; and together they selected a board of trustees who incorporated themselves under the title of "The Administrators of the Tulane Educational Fund." To these Administrators, Mr. Tulane transferred the property which he desired to donate to educational purposes. Mr. Tulane indicated his plans in the following letter:

PRINCETON, May 2, 1882.

MESSRS. RANDALL L. GIBSON, CHAS. E. FENNER, JAMES MCCONNELL, T. G. RICHARDSON, M. D., EDWARD D. WHITE, E. H. FARRAR, P. N. STRONG, B. M. PALMER, D. D., HUGH MILLER THOMPSON, D. D., CHAS. A. WHITNEY, SAM'L H. KENNEDY, WALTER R. STAUFFER, CARTWRIGHT EUSTIS, HENRY GINDER, JOHN T. HARDIE, R. M. WALMSLEY, and WM. O. ROGERS.

GENTLEMEN: A resident of New Orleans for many years of my active life, having formed many friendships and associations dear to me, and deeply sympathizing with its people in whatever misfortunes or disasters may have befallen them, as well as being sincerely desirous of contributing to their moral and intellectual welfare, I do hereby express to you my intention to donate to you by an act of donation *inter vivos* all the real estate I own and am possessed of in the said city of New Orleans, State of Louisiana, for the promotion and encouragement of intellectual, moral, and industrial education among the white young persons in the city of New Orleans, State of Louisiana, and for the advancement of learning and letters, the arts and sciences therein, my intention being that the benefits shall be applied and expended in the city of New Orleans.

By the term education I mean, to foster such a course of intellectual development as shall be useful and of solid worth, and not merely ornamental or superficial. I mean you should adopt the course which, as wise and good men, would commend itself to you as being conducive to immediate practical benefit, rather than theoretical possible advantage. I wish you to establish or foster institutions of a higher grade of learning, where the young persons to be benefited shall, upon

due examination, be found competent and qualified for admission, both by age and previous training, to receive the benefits of a more advanced degree of educational culture.

Intellectual advancement should be unfettered by sectarianism, but the profound reverence I entertain for the Holy Scriptures leads me to express here the hope that the educational development intended by this gift should never antagonize, but be in harmony with, the great fundamental principles of Christian truth contained in them.

I express to you now my formal intentions in order to suggest to you the advisability, should you determine to aid me in my purposes, that you should take such steps as may be necessary under the laws of Louisiana to enable you to accept the donation when made, thus giving me the assurance that my purpose, when executed, will be carried out with fidelity and be rich in bountiful results.

The fact that property donated for educational purposes is at this time liable to taxation in the State of Louisiana has occasioned me much embarrassment, as I should like to feel that the citizens of the state, who are to be the beneficiaries of this donation, should enjoy its advantages to the full measure of the value of the property donated. There are other states whose laws do not, by taxation, repel such gifts in aid of education, whose wise example, I am assured, will be followed by the State of Louisiana and the City of New Orleans in this instance; and I earnestly urge that you make immediate effort to secure the exemption of this property from taxation, and be constant in so doing until your efforts are successful.

The character of the property donated is to remain unchanged. It can not be mortgaged, and it can not be sold nor encumbered in any way, except at the end of not less than fifty years, as hereinafter stated. Mortgaging it or selling it, and the investment of the proceeds in stocks, bonds, or other securities, might and probably would lead to disaster, owing to the uncertain and fluctuating nature of the value of securities of every description. On the other hand, the real estate, the title to which I intend to donate to you, is well located, and cannot fail to increase in value as the city shall become prosperous. You must keep the property well insured in solvent offices and in good repair, so that the best rental possible may be realized.

The plans and details of any organization, corporate or otherwise, must of necessity be left to your own judgment; but I desire to communicate to you my wishes in such manner as to enable you more fully to enter into the motives which impel me, thereby enabling you completely to enter into my thoughts and purposes.

Of course, whatever I may determine to donate to you, should you conclude to organize, will be (while leaving you the absolute owners of the property) with the object of enabling you, in your discretion, to use the revenues for the purposes already by me mentioned.

I suggest and recommend: (1) That in your organization, whatever form it may assume, my friend, Gen. Randall Lee Gibson, be your chairman or president, and that Judge Chas. E. Fenner and James McConnell may be vice-presidents or vice-chairmen. (2) That you provide for the filling of any vacancies in your number by death, resignation, or otherwise, by election. (3) That while my desire is that you shall continue my purpose for more than fifty years, nevertheless I would consider it no violation of those wishes should you, when organized, determine, after fifty years, no longer to perform the duties incident to the ownership of this property which I may donate, and the income of which I have expressed the desire that you administer as aforesaid. In that event, I suggest that you distribute the

property, or the proceeds from the sale thereof, among such educational or literary institutions, or for such educational purposes as you may determine, in the city of New Orleans, as are contemplated by this donation. (4) In order that there shall be no doubt in regard to my intentions, I will say it is not my desire to bind you to distribute the incomes or benefits of the fund or property to any particular school, college, or institution of learning, or to create any claim on the part of any school, college, or institution of learning to any distributive share; nor do I design to subject you collectively or individually to any responsibility to those intended to be benefited or to any individual responsibility of any sort for the management of the property and fund which may be by me donated.

I have entire confidence that you will carry out with wisdom, equity, and fidelity my expressed suggestions. It would be personally agreeable to me if you would retain the services of Mr. P. N. Strong, of New Orleans.

In order to prevent misapprehension, I desire to say you should, of course, make such disbursements as you may deem it fair to expend in the employment of any necessary agents or otherwise, and especially to keep the property well insured and in proper state of repair.

With devout gratitude to our Heavenly Father for enabling us to form these plans, and invoking His divine blessing upon you and your counsels, and upon the good work proposed among the present and future generations of our beloved Crescent City,

I remain, with great respect, your friend and humble servant,

PAUL TULANE.

Mr. Tulane's first donation of real estate was valued at about \$363,000. He subsequently made other donations, until the amount given by him reached the sum of \$1,050,000. It was his expressed intention to add largely to this sum; but, as he died without a will, these intentions were never carried out.

In 1884, the Board of Administrators of the Tulane Educational Fund received from the legislature of Louisiana (by Act 43, of that year) complete and perpetual control of the University of Louisiana and exemption from taxation of income producing property that might be acquired by the Tulane Administrators up to the amount of \$5,000,000. This act was ratified at a general election in April, 1888, and was later ratified in the Constitution of 1898. The status of the University as a state institution has thus been fully maintained.

In 1886, Mrs. Josephine Louise Newcomb, whose husband, Warren Newcomb, was formerly a highly esteemed sugar merchant of New Orleans, donated to the Tulane Educational Fund "the sum of \$100,000, to be used in establishing the H. Sophie Newcomb Memorial College, in the Tulane University of Louisiana, for the higher education of white girls and young women." In thus perpetuating the memory of an only child, Mrs. Newcomb enabled the Tulane Administrators to round out the ideal of a university by the creation



of an institution that would give to women all the educational advantages which had before been offered only to men. Mrs. Newcomb's letter of gift is as follows:

NEW YORK CITY, *October 11, 1886.*

MESSRS. RANDALL L. GIBSON, CHAS. E. FENNER, JAMES MCCONNELL, T. G. RICHARDSON, EDWARD D. WHITE, EDGAR H. FARRAR, P. N. STRONG, BENJAMIN M. PALMER, SAMUEL H. KENNEDY, WALTER R. STAUFFER, CARTWRIGHT EUSTIS, HENRY GINDER, JOHN T. HARDIE, ROBERT M. WALMSLEY, WILLIAM F. HALSEY, JOHN N. GALLEHER, JOSEPH C. MORRIS, SAMUEL D. MCENERY, WARREN EASTON, AND J. V. GUILOTTE, THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND.

GENTLEMEN: In pursuance of a long cherished design to establish an appropriate memorial of my beloved daughter, H. Sophie Newcomb, deceased, I have determined, at the instance of my friend, Col. William Preston Johnston, to intrust to your Board the execution of my design.

Feeling a deep personal sympathy with the people of New Orleans and a strong desire to advance the cause of female education in Louisiana, and believing also that I shall find in the board selected by the benevolent Paul Tulane the wisest and safest custodian of the fund I propose to give, I hereby donate to your Board the sum of \$100,000, to be used in establishing the H. Sophie Newcomb Memorial College, in the Tulane University of Louisiana, for the higher education of *white* girls and young women.

I request that you will see that the tendency of the institution shall be in harmony with the fundamental principles of the Christian religion, and to that end that you will have a chapel or assembly room in which Christian worship may be observed daily for the benefit of the students. But I desire that worship and instruction shall not be of a sectarian or denominational character. I further request that the education given shall look to the practical side of life as well as to literary excellence. But I do not mean in this my act of donation to impose upon you restrictions which will allow the intervention of any person or persons to control, regulate, or interfere with your disposition of this fund, which is committed fully and solely to your care and discretion, with entire confidence in your fidelity and wisdom.

Invoking the favor of Divine Providence for your guidance in the administration of the fund, and for your personal welfare,

I am, very respectfully, your obedient servant.

JOSEPHINE LOUISE NEWCOMB.

The Newcomb College was a matter of the greatest personal interest to Mrs. Newcomb to the time of her death. She added largely to her original endowment, and enabled it to build the handsome group of buildings in which it is now domiciled. By her will, the University was made her residuary legatee, and has received an additional bequest of about \$2,700,000. Mrs. Newcomb's will is as follows:

The building and property of the New Orleans Polyclinic, as well as the management of the institution, were acquired in 1906. This institution now constitutes the Graduate School of Medicine in the College of Medicine.

In 1909, the New Orleans College of Dentistry became a department of the University, and is now the School of Dentistry in the College of Medicine.

The donation, in 1912, of \$25,000, payable \$5,000 annually, by the United Fruit Company made possible the establishment of the School of Hygiene and Tropical Medicine including Preventive Medicine. The further maintenance of this School has been made possible by the gifts, of various amounts, of Messrs. Edward Wisner, W. G. Vincent, Frank B. Hayne, Frank L. Levy, Gibert & Clay, A. Baldwin, Jr., C. A. Farwell, James M. Thomson (for the New Orleans Item); Hard & Rand, I. L. Lyons & Co., W. R. Irby, W. P. Burke, Walter Van Benthuyssen, and \$5,000 from an anonymous donor. With the close of session of 1917-1918, the School of Hygiene and Tropical Medicine was suspended during the period of the war.

The College of Commerce and Business Administration was established in 1914, with the co-operation and support of the New Orleans Association of Commerce, the Society of Louisiana Certified Public Accountants, and of one hundred and five citizens, firms and corporations of New Orleans. In 1915, Mr. Theodore N. Vail of New York, contributed \$500 to the library of the College. The first permanent endowment of the College was a bequest of \$1,000 from Mr. David Pokorny in 1917. In the same year, Messrs. Robert H. Downman, W. Radcliffe Irby and Albert Mackie each contributed \$1,000 to the permanent endowment fund. One hundred and sixty-nine citizens, firms and corporations are now giving substantial expression of their interest and faith in mature professional training for a business career by assuming financial responsibility for the College of Commerce and Business Administration. In response to the request of the Board of Administrators of the Tulane Educational Fund, they have formed a permanent organization, in order that it may be possible to confer with them in regard to matters affecting the success of the College.

In 1891, Mrs. Ida A. Richardson, whose husband, Dr. T. G. Richardson, had been for many years associated with the Medical Department of the University as Professor of Surgery and as Dean, and who had been one of the original members of the Board of Administrators of the Tulane Educational Fund, gave a sum sufficient to build a new and modern building for the Medical Department on a site in Canal Street purchased by the Tulane Board and to equip the building with every needed appliance for the most approved methods of instruction in medicine and pharmacy. This building and site was transferred in 1908, to the Hutchinson Fund, and the name of the

Canal Street building was changed to the Hutchinson Memorial. The proceeds of this transfer were used for the erection, on the campus, of the Richardson Memorial Building, the enlargement of the Chemistry Building, which was renamed the Richardson Chemistry Building, and the Richardson Memorial Dormitory, for medical students.

In 1892, General Randall Lee Gibson, first President of the Board of Administrators of the Tulane Educational Fund bequeathed the sum of \$2,500, to the University.

In 1895, Dr. Albert Baldwin Miles, of New Orleans, bequeathed to the University the sum of \$10,000, for the benefit of the Medical Department.

In February 1900, Mrs. Caroline S. Tilton donated to the University the sum of \$50,000 for the erection of a library building as a memorial to her husband, to be known as the F. W. Tilton Memorial Library. In 1906 Mrs. Tilton donated the additional sum of \$28,000 for the enlargement of the Library Building.

In 1901, Miss Betty Bierne Miles donated \$1,000 to the Tulane Library for the purchase of books in the department of English Literature. In 1902 and 1904, she made additional gifts, making a total of \$2,500. In 1903, Miss Margaret Linda Miles donated \$1,000 for the purchase of books in the department of History, and bequeathed, in 1909, the sum of \$5,000 for a like purpose. These gifts and bequest were made in memory of their father, William Porcher Miles, in whose honor a tablet has been placed in the Library.

In December 1902, Mr. Alexander C. Hutchinson left by will to the Administrators of the University for improvements in the laboratory and clinical facilities of the School of Medicine funds aggregating about \$800,000. In January, 1908, the building of the Medical Department in Canal Street, was transferred to the Hutchinson Fund, and was re-named the Josephine Hutchinson Memorial Building. This building will be reconstructed to expand and improve the laboratories for branches taught in the third and fourth years of medicine, and also to arrange for outdoor clinics and clinical laboratories, thus adding to the efficiency of the School of Medicine.

In 1902, a fellowship in economics was established in the Graduate Department by Mr. George Foster Peabody, of New York City.

In 1905, the Alumni Association of Tulane University showed its generous loyalty toward the University by the establishment of an Alumni Fellowship, with an income of \$250, available in the Graduate Department, to be awarded to the most promising candidate, irrespective of department.

In 1905, Mrs. William Jennings Bryan, acting as trustee of the fund left her by the late Philo Sherman Bennett, of New Haven, Conn., contributed \$500 for a loan fund to aid poor and deserving girls in securing an education.

In 1907, Mrs. Ida A. Richardson by a gift, *inter vivos*, of \$50,000, established and endowed a Chair of Botany, and in recognition of her generosity, it is named The Ida A. Richardson Professorship of Botany.

In 1909, Professor J. Hanno Deiler, for many years Professor of German, bequeathed the sum of \$500 to the University for the establishment of a medal for excellence in German. This legacy is subject to the life usufruct of Mrs. Deiler.

In 1909, Prof. John M. Ordway, formerly Professor of Applied Chemistry, bequeathed his valuable scientific library and instruments to the University.

In 1910, Mr. Stanley O. Thomas bequeathed the sum of \$60,000 to the University for the erection of a building for educational purposes, to be known as the Stanley Thomas Hall. By action of the Board of Administrators a building for the College of Technology was erected.

In 1910, Mr. Frank Walter Callender, of Boston, Mass., bequeathed \$65,000 to Newcomb College. In 1911, \$61,022.90 was realized from this legacy, and by action of the Board of Administrators, was set apart as a foundation for the establishment of The F. Walter Callender Laboratory of Psychology and Education.

In 1910, the Board of Administrators, appropriated \$20,500 for the athletic department of the University, including in this development the building of an athletic field and the erection and equipment of a gymnasium.

In 1911, the bequest of \$25,000 from the late Mrs. Ida A. Richardson to the School of Medicine was realized.

In 1913, fourteen members of the Class of 1913 of the Colleges of Arts and Sciences and Technology, pledged themselves to contribute to the University \$500 each, the payment extending over twenty years. The sum contributed is to be used for the current needs of the two Colleges named, and for the benefit of the University in all its colleges.

By the will of Dr. Watson D. Woodward, of Port Jefferson, Suffolk County, New York, who died in October, 1913, there is given to the Tulane Educational Fund for the exclusive benefit of the School of Dentistry, the sum of \$28,000 and the residue of his estate, all subject to life use by the several beneficiaries under the will.

In 1914, Mrs. Livia Hatch Bryant, of Colorado Springs, Colo., in memory of her father, bequeathed \$10,000 to the University, for a

drinking fountain on the campus, or for books, if the former was not practicable. The legacy was realized in 1918.

An athletic field including a stadium has been built on the campus. A grandstand was erected at a cost of about \$10,000, contributed largely by the Progressive Union of New Orleans. On March 31, 1916, "Realization Day," an appeal was made to the citizens of New Orleans, for funds to replace the old wooden stadium, built in 1909, now condemned, by a concrete structure. The movement met a hearty response on the part of the public, in a great variety of ways, and about fifteen thousand dollars was contributed in cash and in material and transportation. This contribution, with the gifts in 1917, from Mr. Frank B. Williams, of New Orleans, of \$10,000, and \$5,000 from an anonymous donor, enabled the University to erect the first unit of the concrete stadium, with a seating capacity of about eighteen hundred persons.

In 1916, Mrs. Charles A. Conrad bequeathed the sum of \$5,000 for the Library of the College of Law.

In 1916, the University received as a gift, from an anonymous donor, the French Opera House, in Bourbon Street, New Orleans, and in 1917-1918, the stockholders of the French Opera Association donated the sum of \$10,488 for the improvement of the Opera House.

In 1916, Mr. Bernard Bruenn, of New Orleans, bequeathed the residue of his estate to the University for the College of Law. About \$38,500 has already been realized.

In 1916, Colonel William G. Vincent, of New Orleans, bequeathed \$60,000 to the Medical Department of the University for the purpose of establishing a Chair of Tropical Diseases and Hygiene, to be known as The William G. Vincent Professorship of Tropical Diseases and Hygiene. This legacy is subject to the life usufruct of Mrs. Vincent.

In 1917, Mr. Sigmund Odenheimer, of New Orleans, donated \$100 for the Chemical Research Library.

In 1917, Mrs. Benjamin Morgan Harrod, of New Orleans, bequeathed to the University, in memory of her husband, the sum of \$20,000, for the following purposes; to the engineering department, \$2,000 for the for the library and \$3,000 for the laboratory; to the architectural department, \$5,000; to the medical department, \$5,000, for the investigation of the cure of cancer; and to the law department, \$5,000, in memory of her uncle, Randell Hunt, a former Dean of the department. These several legacies have not yet been realized.

Funds for the endowment of medals and prizes have been given by Mr. Glendy Burke, Mr. Judah Touro, Mr. Louis Bush, Rev. Beverley

E. Warner, the Mary L. S. Neil Book Club, Miss Mary M. Scott, the the Newcomb Alumnæ, and the Newcomb Class of 1914.

Gifts for the establishment of scholarships in the undergraduate colleges have been made by Mrs. Ida A. Richardson, Mr. B. C. Wetmore, Mr. F. Walter Callender, Mr. Simon Hershheim, Mrs. Elizabeth S. Baker, the Louisiana Battle Abbey Association, Mr. J. C. Morris, and Meta D. Huger Alumnæ Association.

The School of Medicine has received the sum of \$500 anonymously given for the furtherance of the investigation of leprosy, and several sums given by Mrs. Isidore Newman for research in the Department of Pathology.

Many generous donations have been made to the Library of the College of Law by Mrs. Omer Villere, Mrs. Charles A. Conrad, Miss Anna Campbell, and Messrs. James McConnell, Sr., Walter D. Denegre, Isidore Newman, Bernard McCloskey, Lamar C. Quintero, Walter C. Dufour, and H. Generes Dufour.

During the session of 1917-1918, Tulane University, through its faculties, alumni, and students, rendered important service to the government, in various ways, in connection with the war. The following may be mentioned: Base Hospital No. 24, the "Tulane Unit", the first and only Base Hospital from the far South, complete in personnel and equipment, to go to the other side. Its medical and surgical staff was almost altogether made up from the faculty and alumni of the School of Medicine; a School for Intensive Instruction in the Treatment of War Fractures; the School of Dentistry performed thousands of operations, without charge, for enlisted men; a School of Nautical Engineering under the direction of the U. S. Shipping Board; Course in Naval Architecture; Courses under the Federal Board for Vocational Training in Radio Telegraphy, Radio Mechanics, Conversational French, Auto Mechanics, Four Minute Speaking, Publicity, Red Cross Nursing; a training school for elementary hygiene and home nursing; Newcomb Branch No. 24 and Tulane Branch No. 27, American Red Cross. In June, 1918, the War Department established at Tulane University a training school for enlisted men in Radio Operation and Auto Mechanics. This training school is located at Camp Martin (Fair Grounds) in New Orleans. The instruction is under the direction of Tulane University, and the military training and discipline are under United States Army Officers. A number of war emergency courses were offered in the Summer School, 1918, including courses in food economy and conservation, established by the United States Food Administration.



The State of Louisiana, in accordance with the usage of American States and on the ground of the University's service to the community, exempts the property of the University from taxation. The University is thus enabled to use its entire income for educational purposes.

In accordance with the terms of Act 43, of the Session of 1884, the Administrators give to each member of the state legislature the right to keep one well prepared student in the College of Arts and Sciences or College of Technology without payment of tuition fees. The number of such scholarships is now one hundred and fifty-nine. Twenty scholarships in the Colleges of Arts and Sciences and Technology are open to appointees of the Mayor of New Orleans. More than fifty others are given by the Board of Administrators to well qualified applicants. No worthy young man resident of Louisiana, will be denied the privilege of attending the undergraduate departments for lack of ability to pay the tuition fees. The Administrators propose to extend the benefits of the Tulane University of Louisiana as widely as the means at their command permit.

## OFFICERS OF INSTRUCTION

1917-1918

ROBERT SHARP, A. M., Ph. D., President of the University.

*7325 St. Charles Avenue*

(ARRANGED ALPHABETICALLY)

GEORGE BUNCH ADAMS, M. D., Instructor in Pathology and  
Bacteriology. *Charity Hospital*

ERRETT CYRIL ALBRITTON, Instructor in Anatomy.

*6035 Pitt Street*

MORTON ARNOLD ALDRICH, Ph. D., Dean of College of Commerce and Business Administration, and Professor of Economics and Sociology.

*57 Audubon Place*

VIOLA MURPHY ALLEE, A. M., Assistant in Mathematics.

*1729 Amelia Street*

CARROLL WOOLSEY ALLEN, M. D., Assistant Professor of Clinical Surgery and Lecturer in Genito-Urinary and Rectal Diseases in the Graduate School of Medicine.

*43 Audubon Boulevard*

DOUGLAS SMITH ANDERSON, M. A., Professor of Electrical Engineering.

*1556 Webster Street*

CLARA GREGORY BAER, Professor of Physical Education.

*1705 Milan Street*

CHARLES ADOLPH BAHN, M. D., Clinical Assistant in Diseases of the Eye.

CLAUDE MOSELY BAKER, Instructor in Anatomy.

*1506 Calhoun Street*

JAMES MONROE BAMBER, M. D., Clinical Assistant in Medicine.

*6121 Patton Street*

BENJAMIN BASHINSKI, M. D., Clinical Assistant in Diseases of Children.

*1538 Seventh Street*

CHARLES CASSEDY BASS, M. D., Professor of Experimental Medicine and Director of the Laboratories of Clinical Medicine.

*1338 Broadway*

MARY ELIZABETH BASS, M. D., Lecturer and Demonstrator in Laboratory of Clinical Medicine, and Instructor in Pathology and Bacteriology.

*3513 Prytanía Street*

[Absent on leave on Military duty.]

- HENRY BAYON, A. M., M. D., Associate Professor of Anatomy.  
2212 *Napoleon Avenue*
- †HAZEL HERBERT BEARD, A. B., Teaching Fellow in Psychology.
- †CHARLTON REID BEATTIE, B. L., Professor of Louisiana  
Code of Practice.
- EDWARD AMBROSE BECHTEL, Ph. D., Professor of Classical  
Languages. 7106 *Elm Street*
- ERNEST OSCAR BECKER, A. M., Instructor and Fellow in German.  
1683 *N. Claiborne Avenue*
- CHARLES WILLIAM BEIN, B. Arch., Assistant Professor of Archi-  
tecture. 510 *Lowerline Street*
- GEORGE SAM BEL, M. D., Professor of Clinical and Internal  
Medicine. 1204 *Napoleon Avenue*
- LYDA LIVERMORE, BELDEN, A. B., Assistsnt in Physical Train-  
ing. 1122 *First Street*
- ROBERT BERNHARD, M. D., Clinical Assistant in Medicine.  
2506 *Louisiana Avenue*
- EMILE AUGUSTUS BERTUCCI, M. D., Clinical Assistant in Med-  
icine. 1426 *St. Andrew Street*
- OSCAR WALTER BETHEA, M. D., Ph. G., F. C. S., Assistant Pro-  
fessor in Materia Medica and Pharmacology.  
1735 *S. Carrollton Avenue*
- GEORGE EUGENE BEYER, Professor of Biology, Medical Entom-  
ology, Protozoology, and Helminthology, and Curator of the  
Museum. 362 *Audubon Street*
- THOMAS NATHANIEL BLACK, JR., Assistant Instructor in Physi-  
ology. 1916 *Canal Street*
- STEPHEN MERTLE BLACKSHEAR, M. D., Clinical Professor of  
Otology, Rhinology and Laryngology. 1907 *Prytania Street*
- RUPERT MITCHUM BLAKELY, M. D., Clinical Assistant in Sur-  
gery. 830 *Canal Street*
- HOMER BLINCOE, A. B., M. Sc., Instructor in Anatomy.  
*Station 20*
- CHARLES JAMES BLOOM, B. S., M. D., Instructor in Diseases of  
Children. 1635 *Valence Street*
- HENRY NATHAN BLUM, M. D., Instructor in Ophthalmology.  
1436 *Webster Street*
- HOWARD TUCKER BOND, Assistant in Physics.  
*McDonoghville, La.*
- HARRIET AMELIA BOYER, Professor of Domestic Science.  
2618 *Coliseum Street*

---

†Resigned.

- ||MUIR BRADBURN, B. S., M. D., Assistant Demonstrator in Opeative Surgery.  
WILLIAM PLUMMER BRADBURN, JR., B. S., M. D., Clinical Assistant in General Surgery. 2336 Octavia Street
- ||SIDNEY FRANCIS BRAUD, A. B., M. D., Instructor in Diseases of Children.  
JULIA MAY BREAZEALE, Mus. B., Assistant Instructor in Violin. 3225 Prytania Street
- FRANK TEMPLE BROWN, M. D., Clinical Assistant in Obstetrics and Gynecology 1320 Pine Street
- GEORGE STEWART BROWN, M. Ph., M. D., Chairman of the Faculty of the School of Pharmacy, and Professor of Pharmacy. 1329 Josephine Street
- †MARION EARLE BROWN, M. D., Clinical Assistant in Medicine.  
WILLIAM PRENTISS BROWN, A. B., A. M., Associate Professor of English. 7928 Oak Street
- JOSEPH CLYDE BRUNER, A. B., Assistant in Anatomy. 810 Pine Street
- HENRY DICKSON BRUNS, M. D., Professor of Diseases of the Eye. 2308 Prytania Street
- JOHN FRANCIS BUCKLEY, Student Assistant in Laboratory of Clinical Medicine. Station 20
- MARY WILLIAMS BUTLER, Instructor in Drawing and Design. 1535 Seventh Street
- PIERCE BUTLER, Ph. D., Dean of the Graduate Department, and Professor of English. 2224 Milan Street
- WILLIAM WALTON BUTTERWORTH, M. D., Professor of Diseases of Children. 3914 Prytania Street
- ANSEL MARION CAINE, A. B., M. D., Instructor in Anesthetics. 1528 Louisiana Avenue
- JOHN WILLIAMSON CALDWELL, A. M., M. D., Professor of Chemistry and Geology. Emeritus. 1718 Palmer Avenue
- NICHOLAS CALLAN, A. B., LL. B., Lecturer in charge of instruction in Public Speaking for Business. 1712 Baronne Street
- EARL ROY CAMPBELL, Student Assistant in Chemistry. 630 Pine Street
- JOSEPH WALTER CARROLL, Professor of Civil Law. 1219 First Street
- ||PHILIPS JOHN CARTER, B. S., M. D., Instructor in Clinical Obstetrics.

---

†Absent on leave on Military duty.

||Absent on leave on Naval duty.

- OCTAVE CHARLES CASSEGRAIN, M. D., Chemical Assistant in Surgery. 2659 *De Soto Street*
- LIONEL LOUIS CAZENAVETTE, M. D., Professor of Diseases of the Nervous System. 1143 *N. Robertson Street*
- CHARLES LOUIS CHASSAIGNAC, M. D., Dean of the Graduate School of Medicine and Professor of Genito-Urinary and Rectal Diseases. 1331 *First Street*
- HERCULES JOSEPH CHAUVIN, D. D. S., Demonstrator of Clinical Dentistry. 1220 *St. Mary Street*
- CHARLES NOEL CHAVIGNY, M. D., Instructor in Clinical Obstetrics. 5515 *Hurst Street*
- HORACE SIDNEY CHENET, Jr., Assistant in French. 3507 *Magazine Street*
- FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of Physiology and of Pharmacology. 1310 *St. Andrew Street*
- JOHN ALVIN CHUTZ, Student Assistant in Laboratory of Clinical Medicine. Station 20
- ||SAMUEL MARMADUKE DINWIDDIE CLARK, B. Sc., M. D., Professor of Gynecology and Clinical Obstetrics.
- J. HARRY CLO, Ph. D., Professor of Physics. 904 *Lowerline Street*
- REGINALD SOMERS COCKS, A. M., Richardson Professor of Botany. 701 *Exposition Boulevard*
- HENRY SULA COGRAM, B. Sc., M. D., Professor of Gynecology and Obstetrics. 14 *Rosa Park*
- LOUIS M. COGNEVICH, D. D. S., Demonstrator of Clinical Dentistry. 614 *Poland Street*
- ISIDORE COHN, B. Sc., M. D., Assistant Professor in the Laboratory of Minor Surgery and Instructor in Clinical Surgery. 1831 *Bordeaux Street*
- JAMES CLIFTON COLE, M. D., Instructor in Medicine, and Lecturer and Demonstrator in the Laboratory of Clinical Medicine. 1637 *Third Street*
- JOSEPH COLLINS, Lecturer in Charge of instruction in Life Insurance Salesmanship. 4321 *Perrier Street*
- JOHN JOSEPH COLOMB, D. D. S., Demonstrator of Clinical Dentistry. 1433 *N. Roman Street*
- ||MAURICE JOHN COURET, A. M., M. D., Assistant Professor of Pathology and Bacteriology.
- PAUL ERNEST COX, B. S., Instructor in Ceramic Chemistry. 1127 *Sixth Street*

[Absent on leave on Military duty.

- JOHN THOMSON CREBBIN, M. D., Assistant Professor of Diseases of the Ear, Nose and Throat. 1628 *State Street*
- WILLIAM HENRY CREIGHTON, U. S. N., Dean of College of Technology and Professor of Mechanical Engineering. 1445 *Henry Clay Avenue*
- GEORGE BERNARD CROZAT, D. D. S., Professor of Dental Anatomy. 1223 *Barracks Street*
- HENRY DASPIT, M. D., Lecturer Instructor in Diseases of the Nervous System. 1921 *Prytania Street*
- ROBERT ALFRED DAVIS, M. D., Clinical Assistant in Ophthalmology. 1125 *Lowerline Street*
- STEWART POMEROY DEAN, D. D. S., Demonstrator of Clinical Dentistry. 1302 *St. Charles Avenue*
- LAWRENCE RICHARD DEBUYS, B. S., M. D., Clinical Professor of Pediatrics. 1776 *State Street*
- †JULES JOHN DELAMBRE, M. D., Clinical Assistant in Diseases of Children.
- SIDNEY PHILIP DELAUP, B. Sc., M. D., Professor of Surgery of the Genito-Urinary Organs and Rectum. 1120 *Esplanade Avenue*
- DONALD DERICKSON, C. E., Professor of Civil Engineering. 2436 *Robert Street*
- †ARTHUR WASHINGTON DE ROALDES, M. D., Professor of Diseases of the Ear, Nose, and Throat. Emeritus.
- WILLIAM JEREMIAH DEVLIN, M. D., Assistant Demonstrator in Pathology. 3535 *St. Charles Avenue*
- ||JOHN FLEMING DICKS, M. D., Lecturer and Instructor in Gynecology.
- ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., Dean of the College of Arts and Sciences, and Professor of Mathematics and Astronomy. 1467 *Arabella Street*
- BRANDT VAN BLARCOM DIXON, A. M., LL. D., President of Newcomb College and Professor of Philosophy. 43 *Audubon Place*
- †CARR THOMAS DOWELL, A. B., B. S., Ph. D., Associate Professor of Chemistry.
- FELIX JULIUS DREYFOUS, Assistant in Architecture. 1140 *Jackson Avenue*
- HENRY DRUEDING, Instructor in Organ. 1220 *Second Street*

†Resigned.

‡Died, June 12, 1918

| Absent on leave on Military duty.



- LOUIS JOSEPH DUBOS, A. B., M. D., Assistant in Clinical Medicine. 7503 *St. Charles Avenue*
- ANTOINE LOUIS DUCASSE, D. D. S., Demonstrator of Clinical Dentistry. 2651 *Ursuline Avenue*
- EDWARD BERNARD DUCASSE, D. D. S., Professor of Crown and Bridge work and Porcelain. 2651 *Ursuline Avenue*
- †HORACE GENERES DUFOUR, B. E., LL. B., Professor of Civil Law.
- CHARLES EDWARD DUNBAR, JR., A. B., LL. B., Lecturer on Bills of Exchange and Promissory Notes. 1220 *State Street*
- ARNOTT KELS DUNCAN, M. D., Clinical Assistant in General Surgery. 3513 *Prytania Street*
- WALLACE JOSEPH DUREL, M. D., Professor of Phthisiology. 2003 *Peters Avenue*
- CHARLES WARREN DUVAL, M. D., Professor of Pathology and Bacteriology. 8 *Richmond Place*
- ISADORE DYER, Ph. B., M. D., Dean of the Schools of Medicine and of Pharmacy, and Professor of the Diseases of the Skin. 2222 *Prytania Street*
- EUGENE NICHOLAS EHRHART, Assistant in Chemistry. 4001 *Camp Street*
- JOHN BARNWELL ELLIOTT, A. B., M. D., Ph. D., Professor of the Theory and Practice of Medicine. Emeritus. *Highlands, N. C.*
- JOHN BARNWELL ELLIOTT, Jr., A. M., M. D., Professor of the Theory and Practice of Medicine and of Clinical Medicine.
- CHARLES LEVERICH ESHLEMAN, A. B., M. D., Assistant Professor of Clinical Medicine, Acting Medical Officer, Newcomb College. 1003 *Broadway*
- ALLAN CHOTARD EUSTIS, M. D., Professor of Dietetics and Nutrition. 1518 *Webster Street*
- †MARIE BLANCHE FASSY, D. D. S., Lecturer on Dental Anatomy and Oral Hygiene, and Prophylaxis.
- MARCUS FEINGOLD, M. D., Professor of Ophthalmology. 4206 *St. Charles Avenue*
- CHARLES PAYNE FENNER, B. S., LL. B., Dean of College of Law, and Professor of Civil Law and Louisiana Practice. 2511 *St. Charles Avenue*
- ERASMUS DARWIN FENNER, A. B., M. D., Professor of Orthopedics and Surgical Diseases of Children.

† Resigned.

‡ Absent on leave on Military duty.

- FELIPE FERNANDEZ, A. B., Instructor in Spanish.  
335 *Bourbon Street*
- JULIUS RAYMOND FERNANDEZ, M. D., Clinical Assistant in  
Medicine. 1052 *S. Rampart Street*
- CHEVALIER GUISEPPE FERRATA, Mus. Doc., Professor of Piano  
and Composition. 2705 *Chestnut Street*
- HAZEL ELIZABETH FIELD, M. S., Instructor in Biology.  
2835 *Chestnut Street*
- OTTO FINCK, Instructor in Violincello. 1907 *Esplanade Avenue*
- JOHN MADISON FLETCHER, Ph. D., Professor of Experimental  
and Clinical Psychology. Station 20
- EUGENE LOUIS FORTIER, D. D. S., Professor of Prosthetic  
Dentistry. 4901 *Camp Street*
- || LUCIEN AMEDEE FORTIER, M. D., Clinical Assistant in Surgery.
- ALBERT EMILE FOSSIER, A. M., M. D., Assistant Professor of  
Physical Diagnosis. 8134 *Cohn Street*
- RUFUS EDWARD FOSTER, LL. B., Lecturer on Bankruptcy and  
Federal Practice. 21 *Richmond Place*
- ANDREW GAIENNIE FRIEDRICHS, M. D., D. D. S., Professor of  
Oral Hygiene. *Metairie Road*
- EPHRAIM DENEUFBOURG FRIEDRICHS, A. B., M. D., In-  
structor in Clinical Obstetrics, and Assistant in Clinical Surgery  
474 *Pine Street*
- \*LYDIA ELIZABETH FROTSCHER, A. M., Instructor in German.  
2627 *Coliseum Street*
- †JAMES JOSEPH GANUCHEAU, B. E., Assistant in Industrial  
Chemistry.
- JOSEPH MARY GARCIA, D. D. S., Demonstrator of Operative  
Technics. 1429 *Nashville Avenue*
- †HENRY LAWRENCE GARDINER, M. D., Instructor in Anatomy.
- RIETTA GLASSELL GARLAND, A. B., Teaching Fellow in Physics.  
1639 *Arabella Street*
- WALTER EUGENE GARREY, B. Sc., Ph. D., M. D., Professor of  
Physiology. 2123 *Palmer Avenue*
- EDWIN ALVIN GASTROCK, Assistant in Physics.  
3120 *Magazine Street*
- MILDRED GAUCHE, M. S., Laboratory Instructor in Bacteriology  
and Medical Entomology, and Assistant Curator of the Museum.  
4802 *St. Charles Avenue*

† Resigned.

\* Absent on leave.

† Absent on leave on Military duty.

SIMON GEISMAR, M. D., Clinical Assistant in Surgery.

1539 *Louisiana Avenue*

MAURICE JOSEPH GELPI, A. B., M. D., Assistant Professor of  
Gynecology, and Assistant Demonstrator of Surgical Pathology,

3720 *Canal Street*

PAUL JOSEPH GELPI, A. M., M. D., Professor of Genito-Urinary  
and Cystoscopy.

1700 *Esplanade Avenue*

HERMANN BERTRAM GESSNER, A. M., M. D., Professor of  
Operative and of Clinical Surgery.

119 *Audubon Boulevard*

UPTON W. GILES, A. B., M. D., Assistant Demonstrator in Bac-  
teriology.

3516 *Prytania Street*

||ADDLEY HOGAN GLADDEN, JR., A. B., M. D., Assistant Instruc-  
tor in Gynecology.

†ALBION JERDINAND GOLDBORG, Assistant Professor of Mech-  
anics Arts.

WALTER LOUIS GOLDSTEIN, A. B., Instructor in Harmony  
and Piano.

1472 *State Street*

FRANK RAYMOND GOMILA, M. D., Clinical Assistant in Gynecology.

911 *St. Ferdinand Street*

HAROLD JOSEPH GONDOLF, M. D., Instructor in Laboratory of  
Clinical Medicine, and Assistant in Medicine.

5306 *Magazize Street*

BENJAMIN LEVI GORE, D. D. S., Professor of Dental Surgery.

2805 *Robert Street*

JOHN DANIEL GRACE, Lecturer on Admiralty.

7602 *Hampson Street*

PETER GRAFFIGNINO, M. D., Assistant Instructor in Gynecology.

2822 *DeSoto Street*

AMEDEE GRANGER, M. D., Professor of Radiology.

2532 *Peters Avenue*

EUGENE CENAS GRAVELEY, Assistant in Physics.

1302 *Marengo Street*

||WILLIAM BENJAMIN GREGORY, M. M. E., Professor of Experi-  
mental Engineering and Mechanism.

‡CHARLES WILLIAM GROETSCH, A. M., M. D., Assistant Pro-  
fessor of Obstetrics and Gynecology.

||JAMES BIRNEY GUTHRIE, B. Sc., M. D., Professor of Clinical  
Medicine.

† Resigned.

‡ Died, May 8, 1918

| Absent on leave on Military duty.

- GYFFORD KNIGHT HAINES, A. B., Teaching Fellow in History.  
2119 *Coliseum Street*
- ||JOHN TAYLOR HALSEY, M. D., Professor of Pharmacology,  
Therapeutics, and Clinical Medicine.
- CARL ANDREWS HANSON, Physical Director.  
7003 *Jeannette Street*
- IRVING HARDESTY, A. B., Ph. D., Professor of Anatomy.  
1101 *Broadway*
- MARY LEAL HARKNESS, Ph. D., Professor of Latin.  
2618 *Coliseum Street*
- WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor  
of Bacteriology and Pathology. 7011 *Broad Place*
- ROY BERTRAND HARRISON, M. D., Clinical Assistant in Sur-  
gery. 2327 *Napoleon Avenue*
- ESTHER FINLAY HARVEY, A. B., Instructor in Library Work.  
1737 *Jackson Avenue*
- ||LOUIS ALEXANDER HEBERT, B. S., M. D., Demonstrator in  
Pathology.
- MAX HELLER, M. L., Professor of Hebrew. 1828 *Marengo Street*
- ADOLPH DECAMBUS HENRIQUES, M. D., Instructor in Physi-  
ology and in Clinical Medicine and Radiology.  
4726 *Prylania Street*
- ||RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology.
- CAPTAIN DAVID HUGHES, Military Instructor.  
2127 *Dauphine Street*
- WILLIAM LEE HUGHES, LL. B., Professor of Dental Jurispru-  
dence. 2445 *Esplanade Avenue*
- JOSEPH HUME, Ph. B., M. D., Professor of Genito-Urinary and  
Venereal Diseases. 1623 *Seventh Street*
- †EDWARD MORTON HUMMEL, M. D., Professor of Diseases of  
the Nervous System.
- ||HOWARD RUSSELL HUSE, Ph. B., Assistant Professor of French.
- HERMAN FAIR HUSTEDT, Instructor in Mechanic Arts.  
6320 *Story Street*
- RAOUL STANISLAUS HYMEL, D. D. S., Demonstrator of Pros-  
thetic Technics. 1117 *Louisa Street*
- FELIX MORRIS ISAACSON, D. D. S., Assistant Demonstrator of  
Clinical Dentistry. 3512 *Magazine Street*
- ADOLPH JACOBS, M. D., Clinical Assistant in Surgery.  
3501 *Carondelet Street*

---

† Resigned.

|| Absent on leave on Military duty.

## OFFICERS OF

- ||STANFORD CHAILLÉ JAMISON, M. D., Clinical and Laboratory Instructor in Tropical Diseases and Assistant in Clinical Therapeutics.
- FOSTER MATTHEW JOHNS, M. D., Instructor in the Laboratory of Clinical Medicine and Assistant in Experimental Medicine.  
200 S. Cortez Street
- ||HAMILTON POLK JONES, M. D., Instructor in Clinical Medicine and Assistant in Clinical Therapeutics.
- ||WILL O'DANIEL JONES, M. D., Assistant Instructor in Gynecology.
- PIERRE JORDA KAHLE, B. S., M. D., Lecturer in Surgery of the Genito-Urinary Organs and Rectum.  
1432 Esplanade Avenue
- CHARLES PARNELL KELLEHER, D. D. S., Demonstrator of Clinical Dentistry.  
7927 Oak Street
- JOHN SMITH KENDALL, A. M., Assistant Professor of Spanish.  
508 Millaudon Street
- ||WILLIAM SAMUEL KERLIN, M. D., Clinical Assistant in Medicine, Assistant Demonstrator in Pathology and Bacteriology, and Clinical Assistant in Dietetics and Nutrition.
- FRANK JAMES KINBERGER, M. D., Instructor in Diseases of Children.  
5227 Camp Street
- ALFRED CLINTON KING, M. D., Lecturer and Clinical Assistant in General Surgery.  
305 Vallette Street
- ||EDWARD LACY KING, A. B., M. D., Instructor in Obstetrics and Assistant in Gynecology on Cadaver.
- ||KENNETH WILLIAM KINNEY, M. D., Clinical Assistant in Psychiatry.
- THEODORE FRANK KIRN, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children.  
3310 Cleveland Avenue
- JULIE FROTSCHER KOCH, A. M., Acting Instructor in German.  
2627 Coliseum Street
- KATHERINE KOPMAN, Supervisor of Art Instruction.  
410 Pine Street
- ||PAUL GEORGE LACROIX, B. S., M. D., Assistant Demonstrator in the Laboratory of Minor Surgery and Clinical Assistant in Surgery.
- LUCIAN HYPOLITE LANDRY, M. D., Assistant Demonstrator of Operative Surgery and Instructor in Clinical Surgery.  
1214 Nashville Avenue

||Absent on leave on Military duty.

¶Absent on leave on Naval duty.

STUART OMER LANDRY, Lecturer in charge of instruction in Advertising. 2427 *Camp Street*

||JOHN ALEXANDER LANFORD, Ph. G., M. D., Assistant Professor of Surgical Pathology.

STEPHEN IVES LANGMAID, A. M., LL. B., Professor of Law. 910 *Burdette Street*

FELIX ALPHONSE LARUE, A. M., M. D., Professor of Operative and Clinical Surgery. 1631 *Constantinople Street*

†DANIEL BELL LEARY, A. M., Professor of Education.

EDMUND LAURENCE LECKERT, M. D., Clinical Assistant in Surgery. 1225 *Magazine Street*

ALFRED ARCHINARD LEEFE, D. D. S., Professor Oral Hygiene and Prophylaxis, and Assistant Professor of Prosthetic Dentistry, and Secretary of the Faculty of the School of Dentistry. 2235 *Baronne Street*

WILLIAM PENDLETON EMILE LEHDE, B. E., Substitute Assistant Professor of Mechanical Engineering. 2233 *Magazine Street*

HENRY LEIDENHEIMER, M. D., Clinical Assistant in Surgery. 1836 *Dante Street*

||ISAAC IVAN LEMANN, A. B., M. D., Professor of Clinical Medicine.

MONTE MORDECAI LEMANN, A. B., LL. B., Professor of Law. 6317 *St. Charles Avenue*

OTTO LERCH, A. M., Ph. D., M. D., Professor of Medical Diagnosis and Treatment. 1628 *Upperline Street*

JOSEPH LEVY, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 2006 *General Taylor Street*

ERNEST SYDNEY LEWIS, B. Sc., M. D., Professor of Obstetrics and Gynecology. Emeritus. 1625 *Louisiana Avenue*

JAMES LEON LEWIS, M. D., Assistant Professor of Physical Diagnosis. 1524 *Fourth Street*

HENRY JOHN LINDNER, M. D., Clinical Assistant in Genito-Urinary and Venereal Diseases. 301 *S. Pierce Street*

||JAMES LOUIS LOCASCIO, Ph. C., M. D., Assistant Demonstrator in Pathology.

||HENRY CLARENCE LOCHTE, M. D., Assistant Instructor in the Laboratory of Clinical Medicine.

GEORGE KING LOGAN, B. Sc., M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 1539 *Philip Street*

† Resigned.

| Absent on leave on Military duty.

- || LOUIS VYASA JAMES LOPEZ, M. D., Clinical Assistant in  
Psychiatry.
- WILLIAM ALVIN LOVE, A. B., M. Ph., M. D., Instructor in Clin-  
ical Medicine and in Dietetics and Nutritional Diseases. Medical  
Officer of the University. 1423 *Valence Street*
- MARY ISABEL LUND, A. B., Teaching Fellow in Latin.  
1415 *Harmony Street*
- CHANDLER CLEMENT LUZENBERG, B. S., LL. B., Lecturer on  
Criminal Procedure. 1230 *State Street*
- GUY VAN WINKLE LYMAN, C. P. A., Lecturer in charge of in-  
struction in Accounting. 1233 *Fern Street*
- ROBERT CLYDE LYNCH, M. D., Professor of Otology, Rhinology,  
and Laryngology. 1202 *Broadway*
- JAMES ADAIR LYON, A. M., Professor of Physics.  
1210 *Broadway*
- RANDOLPH LYONS, Ph. B., M. D., Assistant Professor of Clinical  
Medicine and of the Practice of Medicine. 1428 *First Street*
- MATTHEW THOMPSON McCLURE, JR., M. A., Ph. D. Associate  
Professor of Philosophy. 5521 *Atlanta Street*
- IRENE AGNES McCULLOCH, Ph. D., Assistant Professor of  
Biology. 2901 *Prylania Street*
- EDWARD DAVIS MCCUTCHON, A. B., Assistant in English.  
4020 *Prylania Street*
- ELIZABETH MAY McFETRIDGE, A. B., Assistant in English.  
4810 *St. Charles Avenue*
- MARION HERBERT McGUIRE, M. D., Lecturer and Clinical Assis-  
tant in General Surgery. 1128 *Webster Street*
- PAUL AVERY McILHENNY, M. D., Assistant Professor of Ortho-  
pedics and Surgical Diseases of Children. 1313 *Philip Street*
- ELEANOR McMAIN, Lecturer in Economics and Sociology.  
1202 *Annunciation Street*
- || URBAN MAES, M. D., Assistant Professor of Operative Surgery and  
Lemonstrator in Miles Laboratory of Operative Surgery.
- || AGUSTIN LOGAN MAGRUDER, D. D. S., Assistant Demonstra-  
tor of Clinical Dentistry.
- ANNA ESTELLE MANY, A. M., Assistant in Mathematics  
. 1325 *Henry Clay Avenue*
- ALPHONSE MARIN LAMESLÉE, B. ès L., A. M., Professor of  
French. 1235 *Pine Street*

[Absent on leave on Military duty.]

- EDMUND DENEGRE MARTIN, M. D.**, Professor of General Surgery. 1428 *Josephine Street*
- RUDOLPH MATAS, M. D., LL. D.**, Professor of General and Clinical Surgery. 2255 *St. Charles Avenue*
- ¶ **ABRAHAM MATTES, M. D.**, Clinical Assistant in Surgery.
- \*\* **HEINRICH HERMAN MAURER, Ph. D.**, Professor of History.
- LEON RYDER MAXWELL, A. M.**, Director of the School of Music, and Professor of Voice and Composition. 1637 *Octavia Street*
- HENRY EDWARD MENAGE, M. D., M. Ph.**, Clinical Professor of Diseases of the Skin. 4521 *Dryades Street*
- ROBERT LEONVAL MENUET, B. E.**, Assistant Professor of Mathematics. 443 *Lowerline Street*
- ABRAHAM LOUIS METZ, M. Ph., M. D.**, Professor of Chemistry and Medical Jurisprudence. 9 *Rosa Park*
- ¶ **WALDEMAR RICE METZ, B. S., M. D.**, Instructor in Medicine and Demonstrator in Pathology and Bacteriology.
- ¶ **ALPHONSE CHARLES BERNARD MEYNIER, D. D. S.**, Assistant Demonstrator of Clinical Dentistry.
- PAUL MICHINARD, M. D.**, Professor of Obstetrics and Gynecology. 2104 *Berlin Street*
- ¶ **LOUIS ALOIS MIKESKA, Ph. D.**, Assistant Professor of Chemistry.
- WILLIAM GEORGE MILHOLLAND, M. D.**, Demonstrator in Pathology and Bacteriology.
- CHARLES JEFFERSON MILLER, M. D.**, Professor of Obstetrics and Clinical Gynecology. 1638 *Joseph Street*
- HILLIARD EVE MILLER, M. D.**, Assistant in Gynecology on the Cadaver. 1 *Audubon Place*
- CAROLINE MIMS, M. D.**, Clinical Assistant in Surgery of the Genito-Urinary Organs and Rectum. 517 *Lowerline Street*
- JOHN RICHARD MOORE, A. B.**, Assistant in English. 1709 *St. Thomas Street*
- ARTHUR ALPHONSE MORENO, A. B., LL. B.**, Professor of Louisiana Code of Practice. 1727 *Jackson Avenue*
- HAL WALTERS MOSELEY, M. Sc., M. A.**, Assistant Professor of Chemistry. 1435 *Nashville Avenue*
- ¶ **EDMUND MOSS, M. D.**, Lecturer and Instructor in Infectious and Contagious Diseases and Instructor in School Hygiene. Medical Officer, Newcomb College.

\*\* Services terminated, February 1, 1918.

¶ Absent on leave on Military duty.

¶ Absent on leave on Naval duty.



## OFFICERS OF

- PETER FRANCIS MURPHY, M. D., Clinical Assistant in General Surgery, and in Medicine.  
1433 *Exposition Boulevard*
- ROLLIN GUIZOT MYERS, B. Sc., M. Sc., Assistant Professor of Chemistry.  
1029 *Broadway*
- HARRY EVERETT NELSON, M. D., Clinical Assistant in Surgery.  
3600 *Banks Street*
- JACOB WARREN NEWMAN, M. D., Clinical Professor of Obstetrics.  
3512 *St. Charles Avenue*
- ||HARRY MATTHEW NOLAN, D. D. S., Assistant Demonstrator of Clinical Dentistry.
- ANN HERO NORTHRUP, A. M., Professor of Chemistry.  
1200 *Pine Street*
- ELLIOTT JUDD NORTHRUP, A. B., LL. B., Professor of Law, and Secretary of the College of Law,  
1200 *Pine Street*
- JAMES PHARES O'KELLEY, M. D., Clinical Professor of Otolaryngology, and Laryngology.  
1701 *Marengo Street*
- ||JAMES HENRY O'REILLY, D. D. S., Demonstrator of Clinical Dentistry.
- JOHN FREDERICK OECHSNER, M. D., Professor of Orthopedics and Surgical Diseases of Children.  
5330 *Danneel Street*
- HENRY JOHN OTTO, M. D., Clinical Assistant in Genito-Urinary and Rectal Diseases.  
2905 *Chestnut Street*
- DOMINICK ANDREW PALMISANO, M. D., Clinical Assistant in Medicine.  
1438 *Pine Street*
- FREDERICK WILLIAM PARHAM, M. D., Professor of General Surgery.  
1429 *Seventh Street*
- LILLIAN FLORENCE PARKER, Ph. D., Instructor in Public School Music.  
2901 *Prylania Street*
- GEORGE FARRAR PATTON, M. D., Professor of the Practice of Medicine.  
1134 *Camp Street*
- ||RUFFIN TROUSDALE PERKINS, A. B., M. D., Clinical Assistant in Surgery.
- ||WILLIAM MARTIN PERKINS, B. Sc., M. D., Professor of Clinical Surgery.
- ST. JOHN PERRET, A. B., LL. B., Lecturer on Contractual Obligations under the Civil Code of Louisiana.  
2236 *Dublin Street*
- WILLIAM DAVID PHILLIPS, B. Sc., M. Ph., M. D., Professor of Operative Gynecology on the Cadaver, and Instructor in Clinical Obstetrics.  
479 *Audubon Street*

||Absent on leave on Military duty.

- GEORGE KING PRATT, JR., B. S., M. D., Assistant in Clinical Medicine. 1806 *Milan Street*
- PERCY LENNARD QUERENS, M. D., Clinical and Laboratory Instructor in Tropical Diseases.
- PORTIA PIERCE RANDOLPH, A. B., Instructor in Domestic Art. 1817 *Calhoun Street*
- JOHN CHRISTIAN RANSMEIER, A. M., Ph. D., Professor of German. 1404 *Audubon Street*
- ELEANOR ELMIRE REAMES, Ph. D., Instructor in Physics. 609 *Philip Street*
- †PAUL RENSHAW, B. A., Lecturer in charge of instruction in Advertising.
- LOUIS FAVROT REYNAUD, M. D., Professor of Materia Medica, Therapeutics, and Clinical Medicine. Emeritus. 1238 *Josephine Street*
- CAROLINE FRANCIS RICHARDSON, A. M., Assistant Professor of English. 3123 *Coliseum Street*
- LILLIE RICHARDSON, A. M., Instructor in History. 1729 *Coliseum Street*
- ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of Classical Languages. 7524 *Commercial Street*
- JAMES MARSHALL ROBERT, B. E., Professor of Machine Design. 2432 *Calhoun Street*
- ERNEST ALEXIS ROBIN, B. Sc., M. D., Professor of Diseases of the Eye. 1315 *Webster Street*
- ANITA GONZALEZ ROESCHNEIDER, Instructor in Piano. 1628 *Amelia Street*
- AMÉLIE ROMAN, Assistant Professor of Drawing and Design. 1236 *N. Robertson Street*
- MAURICE SAMUEL ROSENTHAL, B. S., M. D., Assistant Instructor in Gynecology. 2026 *Carondelet Street*
- JAMES EDWARD ROUTH, Ph. D., Associate Professor of English. 462 *Lowerline Street*
- ERNEST CHARLES SAMUEL, M. D., Instructor in Clinical Medicine and Radiology. 1416 *Peniston Street*
- ERNEST SCHUYTEN, Instructor in Violin. 1434 *Seventh Street*
- RALPH JACOB SCHWARZ, A. M., LL. B., Professor of Law. 1716 *Dufossat Street*

---

† Resigned.

‡ Absent on leave on Military duty.

|| WILLIAM HENRY SEEMANN, M. D., Dean of School of Hygiene and Tropical Medicine, Professor of Tropical Medicine and Director of the Laboratories of Hygiene and Public Health.  
 THOMAS BENTON SELLERS, Ph. C., M. D., Clinical Assistant in Gynecology and Obstetrics, and Instructor in Anatomy.

7624 *St. Charles Avenue*

LUTHER SEXTON, M. D., Assistant Professor of Clinical Surgery.

1623 *Fourth Street*

GARVIN DENNIS SHALLENBERGER, A. B., B. S., Assistant in Chemistry.

2222 *Uppertine Street*

† GARVIN DUGAS SHANDS, LL. B., LL. D., Professor of Law. Emeritus.

|| COVINGTON HARDY SHARP, M.D., Clinical Assistant in Otology.  
 ROBERT SHARP, A. M., Ph. D., President of the University, and Professor of English.

7325 *St. Charles Avenue*

† FRANK RUSSELL SHAW, B. E., Instructor in Civil Engineering.

MARY GIVEN SHEERER, Assistant Director of Pottery, and Professor of Pottery and China Decoration.

2901 *Prytania Street*

LILLIAN SHELLEY, Professor of Domestic Art.

1132 *Washington Avenue*

RALPH EUGENE SHERWOOD, D. D. S., Assistant Professor of Prosthetic Technics.

7400 *Pearl Street*

HERBERT MAXWELL SHILSTONE, B. S., Dr. P. H., Lecturer and Demonstrator in charge of Laboratory of Preventive Medicine.

8206 *Pritchard Place*

|| HENRY THEODORE SIMON, M.D., Assistant in Clinical Medicine.

SIDNEY KOHN SIMON, A. B., M. D., Assistant Professor of Clinical Medicine.

1533 *Henry Clay Avenue*

GERTRUDE ROBERTS SMITH, Professor of Water-color Painting and Decoration of Textiles.

8029 *Zimple Street*

VICTOR CONWAY SMITH, M. D., Assistant Professor of Ophthalmology.

1417 *Annunciation Street*

WILBUR CLEAVLAND SMITH, M. D., Assistant Professor of Anatomy.

2602 *Calhoun Street*

WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D., Professor of Philosophy. Emeritus.

1409 *Calhoun Street*

|| JOHN SMYTH, M. D., Professor of Oral Surgery, and Assistant Professor in Clinical Surgery.

† Died, July 1, 1917.

† Resigned.

|| Absent on leave on Military duty

- ISABELLA STIRLING SNODGRASS, A. B., Supervisor of Musical Practice. 1435 *Octavia Street*
- EDMOND SOUCHON, M. D., Professor of Anatomy and Clinical Surgery. Emeritus. 2403 *St. Charles Avenue*
- MARION SIMS SOUCHON, M. D., Assistant Professor of Clinical Surgery. 2405 *St. Charles Avenue*
- ADELIN ELAM SPENCER, A. M., Assistant Professor of Chemistry and Geology. 1128 *Fourth Street*
- MARY CASS SPENCER, M. Sc., Professor of Mathematics. 1128 *Fourth Street*
- IMOGEN STONE, A. M., Associate Professor of English. 1241 *Fourth Street*
- JACOB AMBROSE STORCK, M. Ph., M. D., Professor of Diseases of the Digestive System. 1460 *Nashville Avenue*
- ||ROBERT ALEXANDER STRONG, M. D., Assistant Professor of Pediatrics.
- MARY CLAYTON SUMNER, A. B., Teaching Fellow in Psychology. 1437 *Delachaise Street*
- THEODORA DUVAL SUMNER, A. M., Teaching Fellow in English. 1437 *Delachaise Street*
- DAGNY SUNNE, Ph. D., Assistant Professor of Psychology. 8029 *Zimple Street*
- JOHN BAYLY SWINNEY, A. B., Professor of Marketing. 7004 *St. Charles Avenue*
- GEORGE JAMES TAQUINO, M. D., Clinical Assistant in Diseases of Ear, Nose, and Throat. 4149 *Canal Street*
- SUSAN DINSMORE TEW, Ph. D., Professor of Greek. 7729 *Hampson Street*
- †JOHN KER TOWLES, A. M., Ph. D., Professor of Business Organization and Management.
- OSCAR JOSEPH TRAPPEY, D. D. S., Demonstrator of Clinical Dentistry. 1910 *Marengo Street*
- LOTA LEE TROY, Assistant Professor of Art. 1241 *Philip Street*
- |CHARLES JOSEPH TURCK, A. M., LL. B., Professor of Law.
- HERMINE ELIZABETH UJFFY, A. B., Teaching Fellow in Chemistry. 1311 *Nashville Avenue*
- GEORGE HAMPDEN UPTON, M. D., Assistant in Operative Surgery. 1302 *Jackson Avenue*

---

†Resigned

|Absent on leave on Military duty.

- CONSTANCE STODDARD VANN, Student Assistant in Anatomy.  
 1923 *St. Charles Avenue*
- JROY McLEAN VAN WART, A. B., M. D., Professor of Psychiatry.  
 DAVID FREDERICK WAIDE, M. D., Instructor in Otology,  
 Rhinology and Laryngology. 347 *Audubon Street*
- CHARLES ARTHUR WALLBILICH, M. D., Clinical Assistant  
 in Gynecology and Obstetrics. 1429 *N. Broad Street*
- ALICE WEDDELL, Instructor in Piano. 3316 *St. Charles Avenue*
- JOSEPH DEUTSCH WEIS, M. D., Professor of Tropical and Clinical  
 Medicine.
- FREDERICK WESPY, Ph. D., Professor of German.  
 816 *Burdette Street*
- MAUDE VIRGINIA WESTBROOK, Accompanist and Instructor in  
 Voice 1637 *Seventh Street*
- MELVIN JOHNSON WHITE, Ph. D., Professor of History.  
 1139 *State Street*
- JROY WHITE, D. D. S., Assistant Demonstrator of Clinical Dentistry.  
 BENEIJAH GIBSON WILBERT, M. D., Clinical Assistant in Ear,  
 Nose and Throat. 1634 *Terprichore Street*
- ANDREW JACKSON WILD, JR., B. E., Instructor in Civil Engi-  
 neering. 1115 *Crete Street*
- CHARLES SAMUEL WILLIAMSON, JR., M. S., Professor of In-  
 dustrial Chemistry. 815 *Pine Street*
- THEODORE WILSON, D. D. S., Assistant Demonstrator of Clinical  
 Dentistry. 835 *Fern Street*
- VIRGINIA REESE WITHERS, A. B., Instructor in French.  
 2340 *Prylania Street*
- LOUIS GALLY WOGAN, M. D., Demonstrator in Diseases of the Eye.  
 1709 *Burgundy Street*
- FREDERICK JACOB WOLFE, D. D. S., Demonstrator of Clinical  
 Dentistry. 2231 *Magazine Street*
- JAMES TOWNSEND WOLFE, M. D., Instructor in Diseases of  
 Children. 1719 *N. Claiborne Avenue*
- ANNIE MIRIAM WOOD, Instructor in Domestic Science.  
 1515 *Dufossat Street*
- WALLACE WOOD, JR., D. D. S., Dean of the School of Dentistry,  
 Professor of Operative Dentistry and Chief of Clinic.  
 1817 *S. Carrollton Avenue*

---

[Absent on leave on Military duty.]

**ELLSWORTH WOODWARD**, Director of School of Art, Professor of Drawing and Painting and Design, and Lecturer on History of Art. *2703 Camp Street*

**WILLIAM WOODWARD**, Professor of Drawing and Painting, and Instructor in Architecture. *7441 Hampson Street*

†**PAULINE WRIGHT**, B. S., Instructor in Drawing, Water Color and Design.

**EDWARD LIONEL JOSEPH ZANDER**, Student Assistant in Physiology and Instructor in Physiological Chemistry.

*821 N. Rampart Street*

---

†Resigned.

## OFFICERS OF ADMINISTRATION

(ARRANGED ALPHABETICALLY)

- JOHN ANDREW BACON, Clerk and Curator of Buildings  
College of Medicine. 129 *N. Sco*
- OSWALD CADOGAN BELFIELD, Registrar and Secretary  
Medical Faculty. 1551 *Can*
- MINNIE MARIE BELL, Librarian in Charge of the Tulane Un  
Library. 2042 *Prylan*
- MACK J. BERGERON, Assistant in the Laboratory of Pat  
(Richardson Memorial.) 7515 *Burth*
- RICHARD KEARNY BRUFF, Registrar of the University.  
7427 *Hampson*
- JAMES DOYLE BYRNE, Cashier, Tulane Educational Fund  
5338 *Perrier*
- LILIAN ALICE COLLENS, Stenographer and Clerk to the I  
School of Medicine. (Hutchinson Memorial.) 1309 *Berlin*
- LOUISE COLLENS, Stenographer to the Dean of the Gr  
School of Medicine. 1309 *Berlin*
- KATHARINE WILLIAMS COLLINS, Stenographer (Newcom  
lege). 1537 *Sixth*
- WILHELMINA B. CONGER, Stenographer School of Art  
comb College). 7628 *St. Charles*
- FRANCES ESHLEMAN CRAIG, A. B., Secretary of Newcom  
lege. 1138 *Third*
- BENJAMIN CRUMP, SR., Bursar of the University.  
3726 *Prylan*
- EDITH CARY DAVIS, Lady in Charge of the Gables.  
1236 *Fourth*
- MARGARET GREEN DAVIS, Lady in Charge of Newcomb  
1224 *Fourth*
- CLARA DEL VALLE, Accompanist- 4404 *Prylan*
- ALBERT JEFF. DICKERSON, Manager University Press.  
370 *Pine*
- ELISABETH DUCROS, Assistant Librarian (Newcomb Coll  
1835 *Upperline*
- HUGH ERMINGER, Assistant in Laboratory of Pathology (R  
son Memorial) *Sta*
- JAMES HIELD FINLEY, Assistant Registrar and Bursar f  
College of Commerce and Business Administration.  
1323 *Olivier*

- FLORENCE MARIE FOUERT, Stenographer (Newcomb College).  
913 *Eighth Street*
- MENA MANDEVILLE GLEASON, Lady in Charge of the Josephine  
Louise House. 1231 *Washington Avenue*
- EDWARD ALEXANDER GRAF, Superintendent of Buildings and  
Grounds. 7823 *Oak Street*
- TUDOR TUCKER HALL, Mechanician in the Physical Laboratory.  
2319 *Joseph Street*
- ESTHER FINLAY HARVEY, A. B., Librarian in charge of New-  
comb College Library. 1737 *Jackson Avenue*
- LEONARD HAUESER, First Assistant Engineer, Tulane Campus.  
2361 *Rousseau Street*
- JOSEPH NORMAN HEDRICK, Engineer, Newcomb College.  
815 *Antonine Street*
- NORAH FYOCH HOLCOMB, Stenographer, School of Dentistry.  
1510 *S. Carrollton Avenue*
- ELIZABETH MORTON HUSBANDS, Lady in Charge of the War-  
ren House. 1230 *Sixth Street*
- HERMAN FAIR HUSTEDT, Superintendent of Shops and Power  
Plant, Tulane Campus. 6320 *Story Street*
- SUSAN BENTON KEANE, Stenographer and Secretary to the  
Deans of the Colleges of Arts and Sciences and of Technology.  
1201 *St Andrew Street*
- MAUDE MARGARET KENNEDY, Stenographer, School of Med-  
icine. (Richardson Memorial). 4521 *Clara Street*
- ODILE THERESA JENFER, Stenographer to the Treasurer of the  
Tulane Educational Fund. 524 *N. Hennessy Street*
- BERNARD CONRAD KOLMAN, Assistant Registrar, Newcomb  
College. 432 *Fern Street*
- ALEXANDER ST. JOHN LABRY, Assistant Registrar, Graduate  
School of Medicine. 809 *Exposition Boulevard*
- DANIEL FRANK LAYMAN, Manager of Academic and Medical  
Dormitories, and University Purchasing Agent. *Station 20*
- THEODORIC CECIL LYON, Manager Co-operative Book Store.  
*Station 20*
- SARAH MAGILL, Stenographer, School of Hygiene and Tropical  
Medicine. 450 *Lowerline Street*
- JOSEPH MEYER, Potter (Newcomb College).  
825 *Fourth Street*
- LOUISE MORGAN MILNER, Assistant Librarian, Tulane Univer-  
sity Library. 3602 *St. Charles Avenue*



GRACE RODD, Organist (Newcomb College).

2319 *Magazine Street*

JANE GREY ROGERS, Librarian of the College of Medicine.

1724 *Canal Street*

DESIRÉE ROMAN, Clerk at Pottery (Newcomb College).

1236 *N. Robertson Street*

NANCY SHEPARD SNYDER, B. S., Assistant Librarian, Tulane University Library.

1462 *Arabella Street*

LOUISE BERTHA TROESCHER, Stenographer and Secretary to the President and Registrar.

1038 *Robert Street*

LAWRENCE ANDRÉ WOGAN, Secretary and Treasurer of the Tulane Educational Fund.

1462 *N. Miro Street*

### UNIVERSITY COUNCIL

The University Council consists of the President of the University, as chairman, the Deans of the several colleges or departments who are members ex-officio, and of one member elected by the Faculty of each of the colleges or departments from its own number to serve for two years.

The Council considers all scholastic questions relating to university administration or policy which in its opinion are of general university concern, and has jurisdiction to decide all such questions. Matters of dissent by any faculty from action by the Council are referred to the Board of Administrators for decision.

**Members of the University Council for 1917-1918:** President Sharp, Deans Aldrich, Butler, Chassaignac, Creighton, Dinwiddie, Dixon, Dyer, Fenner, Seemann, Wood, and Professors Anderson, C. C. Bass, Bechtel, Clo, Gessner, Kendall, Lyon, E. J. Northrup, Parham, Tew.

### COMMITTEES OF THE UNIVERSITY FACULTY

The President of the University is *ex-officio* member of all committees.

**Committee on Admission and Advanced Standing:** Professors Bechtel, Dinwiddie, Menuet, Anderson, Lyon, Tew, Feingold, Wood, Turck, Langmaid.

**Committee on Affiliated Schools:** Professors Bechtel, Dinwiddie, Brown, Lyon, Butler, E. J. Northrup, Cocks, C. F. Richardson, Dyer.

**Committee on Athletics:** Professors Anderson, White, Langmaid, Riedel.

**Committee on Bookstore:** Professors Anderson, Riedel, Lyon.

**Committee on Commencement Week:** Professors E. J. Northrup, Langmaid, Lyon, Maxwell, Ransmeier, C. F. Richardson, Riedel, Tew, Wood.

**Committee on Courses for Teachers:** Professors Lyon, Dixon, Tew, Fletcher, Dinwiddie, White, Bechtel.

**Committee on Debating:** Professors Routh, Butler, White, Marin LaMeslee, McClure, Dunbar, Turck.

**Committee on Dormitories:** Professors Dinwiddie, Hardesty, Creighton.

**Committee on Fraternities:** Professors White, Moseley, Derickson, Turck, Hardesty.

**Committee on General Publicity:** Professors Dinwiddie, Dyer, Butler.

**Committee on Graduate Studies:** Professors Butler, Creighton, Bechtel, Ransmeier, Tew, Hardesty, Anderson, Routh, Clo, McClure.

**Committee on Infirmary:** Professors Dyer, Metz, Dinwiddie, Anderson, E. J. Northrup.

**Committee on Library:** Professors Cocks, White, Bechtel, Anderson, Brown, Butler, Ransmeier, Miss Bell.

**Committee on Musical Activities:** Professors Maxwell, Reidel, Oechsner.

**Committee on Publications:** Professor Dinwiddie.

**Committee on Self-Help:** Professors Sellers, Aldrich, Hardesty, Robert, Langmaid.

**Committee on Student Publications:** Professors Routh, White, Menuet, Butler, Hardesty.

**Committee on War Service:** Professors Dinwiddie, Bechtel, Clo, Hardesty, Robert, Turck.

## REQUIREMENTS FOR ADMISSION

The Board of Administrators and the several faculties of the University of Louisiana require for admission to the Freshman Class a preparation equivalent to a four year course in High School.

Applicants for admission to the Freshman Class of any College of the University should be not less than sixteen years of age and should report to the Deans of their respective colleges at least five days before the time set for the entrance examinations, or for the examination, in order that they may be properly instructed.

A preparation equivalent to a four year's course of high school is required for entrance to the first year class in any College except the School of Pharmacy, in which the requirement is three years, and the School of Medicine, and the three-year course in the School of Law, in which the requirement is higher. These differences will be found in detail below.

ENTRANCE AND CONDITION EXAMINATIONS, in 1919, will be held as follows:

**SATURDAY, MAY 17.** Candidates who desire to enter for the first session may present themselves for examination on this day and will be credited with any subject in which they have passed.

**FRIDAY, SEPTEMBER 19, TO SATURDAY, SEPTEMBER 27.** Entrance examinations will apply to the Registrar for schedule of examinations.

[See below for detailed information on entrance requirements.]  
Conditioned students will be examined on the same days and at the same times as the regular students.

No charge is made for examination at the times set above. At any other time both applicants for admission and conditioned students must pay a fee of two dollars for each special examination.

### I. GENERAL REQUIREMENTS

*For regular courses in the University (except in Pharmacy and Law)*

The completion of a four years high school course or its equivalent is required for entrance. In order that the University may determine whether an applicant possesses this required preparation, the University has adopted the following plan.

1) A "unit" of high school work is a subject pursued through one school year, with not less than five recitation periods a week.

2) Fifteen units are required for full entrance.

3) With thirteen units a student may be admitted to partial standing, on condition that the deficiency be made up before the opening of the second college year. *No student will be permitted to register for any subject of his second year until his entrance conditions are removed.*

4) Applicants presenting less than 13 units will not be received.

5) These 15 or 13 units must include two units in English Composition, one unit in English Literature, two and one-half in Mathematics (except in the College of Arts and Sciences and Technology, where three units in Mathematics, including Solid Geometry, are required) and, (except in the School of Dentistry) at least two in a foreign language.

6) The required and elective units offered must be chosen from the following table, making in all 15 units for full standing:

1. English Composition	2	18. Biology	$\left\{ \begin{array}{l} \text{Bot. and Zool.} \\ \text{Bot. and Physiol.} \\ \text{Zool. and Physiol.} \end{array} \right\}$	I
2. English Literature	1 or 2	19. Botany		I
3. Elementary Algebra	$1\frac{1}{2}$ or 2	20. Zoology		I
4. Plane Geometry	1	21. Physiology		I
5. Solid Geometry	$\frac{1}{2}$	22. Physiography		I
6. Trigonometry	$\frac{1}{2}$	23. Freehand Drawing		I
7. Latin	2, 3 or 4	24. Mechanical Drawing		$\frac{1}{2}$
8. Greek	2 or 3	25. Wood-working		$\frac{1}{2}$
9. French	2 or 3	26. Foundry Work		$\frac{1}{2}$
10. Spanish	2	27. Forge Work		$\frac{1}{2}$
11. German	2 or 3	28. Machine Tool Practice		I
12. Ancient History	1	29. Appreciation of Art		I
13. Med. and Mod. Hist.	1	30. History of Art		I
14. English History	1	31. Harmony		I
15. American History	1	32. Appreciation of Music		I
16. Physics	1	33. Musical Performance		I
17. Chemistry	1	34. Domestic Science		I
		35. Comparative Anatomy		I
		36. Pharmacy		I or 2

The note books of laboratory work in Physics and Chemistry must be presented.

No. 5 required in Colleges of Arts and Sciences and of Technology only.

Nos. 29 to 36 inclusive, do not apply in the College of Law.

Nos. 24 and 25 do not apply in Newcomb College, except in the School of Art.

Nos. 26, 27, 28, 35 and 36 do not apply in Newcomb College.

Nos. 29 and 30 apply in Newcomb College (B. A. in Education and School of Art) only, and are determined by examination.

Nos. 31, 32 and 33 apply in the School of Music only, and are de examination.

No. 34 applies in Newcomb College (B. A. in Education and School Economy) only.

Nos. 35 and 36 apply in College of Medicine only.

7) No entrance credit will be allowed in any subject for less than the minimum or more than the maximum given in table 6).

8) Certificates for work done in approved preparatory schools be accepted only in the case of *graduates* of these schools. Applicants for admission who *have not graduated* from an approved school will be admitted only upon examination. An applicant coming directly from a high school from which he or she has not graduated shall not be admitted to examination for admission.

9) No applicant will be permitted to matriculate until a certificate has been examined by the Committee on Admissions. Certificates should be sent to the Registrar as soon as possible after leaving of the school.

## II. SPECIAL REQUIREMENTS

### COLLEGE OF ARTS AND SCIENCES

a) Applicants entering for the degree of Bachelor of Arts offer, in addition to the specified units in English and Mathematics, three units in Latin, and two units in Greek. For the two units in Greek, one unit in History and one in Science may be substituted.

b) Applicants entering for the degree of Bachelor of Science offer, in addition to the specified units in English, Mathematics, Language, two units in Science and two in History. For the two units in Science one additional unit in Mathematics and one in the Language selected under 5) may be substituted.

### COLLEGE OF TECHNOLOGY

Applicants entering for the courses leading to the Bachelor of Architecture or Bachelor of Engineering must offer, in addition to the specified units in English, Mathematics, Language, two units in Science. For the two units in Science one additional unit in Mathematics and one in the Language selected under 5), may be substituted.

### H. SOPHIE NEWCOMB MEMORIAL COLLEGE

a) An applicant for admission to the B. A. course must offer, in English,  $2\frac{1}{2}$  in Mathematics, 3 in a Major Language (if 2 in a Minor Language (if Latin 3,) and 1 in either Physics or Chemistry. For a Minor Language, 2 units in History may be substituted.

b) An applicant for admission to the B. A. in Education Course must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, 2 in a language, 1 in Chemistry or Physics, and full preparation in the subject she intends to make her major study in College. If she intends to take Art, she must offer 1 unit in Freehand Drawing.

c) An applicant for admission to the Schools of Art or Music, must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, and at least 2 units in a language, and electives to 13 or 15 as above indicated.

d) An applicant for admission to the School of Household Economy must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, at least 2 in a foreign language, and 1 in Chemistry and 1 in Freehand Drawing.

An applicant for admission into classes in Domestic Art must have had some practice in the correct use of the tools used in sewing, and must give evidence of being able to handle them with some skill.

In addition to the general requirements, an applicant for admission to the regular courses of the School of Music, with piano or organ as the major instrument, must show some technical proficiency.

#### THE COLLEGE OF MEDICINE SCHOOL OF MEDICINE

Applicants for admission to the Freshman year in the School of Medicine must submit (1) official evidence of graduation from a four-year high school course with 15 units, which must include three units in English, two and a half in Mathematics, two in Latin, Greek, French, German, or Spanish, and one in History; (2) certificate showing credits for two years of acceptable college work of not less than 60 semester hours which must include one year of Biology, one year of Physics, one year of General Chemistry, and one half-year of Organic Chemistry, one year of English, and one year of German or French. (For the session of 1918-1919, Organic Chemistry may be carried as a condition.) (See School of Medicine for detail requirements for admission to the Freshman Class).

#### SCHOOL OF DENTISTRY

Applicants must offer three units in English, two and one-half units in Mathematics, and the additional nine and one-half units from the other subjects listed under 6). Applicants presenting less than 15 units will not be admitted. (See School of Dentistry for detail requirements for admission).

#### SCHOOL OF PHARMACY

a) Twelve units are required for entrance.

b) Applicants with ten units may be admitted to partial standing.

## REQUIREMENTS FOR ADMISSION

c) All applicants must offer **three units in English, two and one-half units in Mathematics, and the additional six and one-half units** from the other subjects listed under 6). (See School of Pharmacy for detail requirements for admission.

### COLLEGE OF LAW

a) All applicants for admission to the four-year course must offer **three units in English, two and one-half in Mathematics, and at least two in a foreign language, and the additional seven and one-half units** from the other subjects listed under 6).

b) Applicants for admission to the three-year course must offer the fifteen units specified above, and in addition thereto, must have satisfactorily completed one year of college work. (See College of Law for detail requirements for admission).

### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

a) Applicants under twenty years of age must satisfy the entrance requirements. (See General Requirements).

b) Applicants twenty years of age or over, are admitted as special students on evidence of their ability to profit by the course or courses which they select.

### 1. English Composition

Preparation equivalent to the following will be required for admission:

As much as five recitations a week should be devoted to **English composition** for two years of the high school course, or the equivalent may be attained through giving two hours a week for two years, and three hours a week for two years more. The greater part of this time should be devoted to practice in writing. Close attention should be given to spelling, sentence structure, and division into paragraphs. The candidate will be required to show a good knowledge of the principles of English grammar and the fundamental principles of rhetoric, and an ability to think consecutively and express himself clearly on simple subjects.

**2 units**

### 2. English Literature

As much as three hours a week for one year, and two hours a week for one year more, should be devoted to the study of **English literature**.

**1 unit**

An additional unit of credit in English will be allowed to schools devoting as much as one year (five recitations each week, or dividing the time between two years, as suggested above) to the study of liter-

ature and to continued practice in writing. This requirement may be met by a course combining any two of the following plans, or by a course covering a full year in plans (a) or (b) and treating the subject with greater thoroughness in detail than is indicated in the suggested outline of those plans:

(a) An outline of the history of American literature, using a text equivalent to Pancoast's *Introduction to American Literature*, accompanied by class room study of representative selections (complete pieces where possible) from such writers as Franklin, Irving, Lowell, Hawthorne, Emerson, Poe, Bryant, Whittier, Longfellow, Lanier and Bret Harte.

(b) A course in argumentation, including study of the rhetorical principles, adequate practice in constructing both the brief and the complete argument, and thorough study of both structure and subject matter of several specimens of standard forensic argument such as speeches of Burke and of Webster.

(c) An outline of the history of the English language, using a text equivalent to Kittredge's *Words and Their Ways in English Speech*.

The candidate examined to test the thoroughness of the preparation above described will be required to write several short paragraphs on topics taken from the books enumerated below. A number of these topics will be presented, probably fifteen or twenty, for her selection, from which she will be expected to choose three or four for her examination paper. The treatment of these is designed to test her powers of clear and accurate expression. Only a general knowledge of the subject matter will be required. She will also be permitted to present exercise books or compositions properly attested by her teacher.

The books set for these examinations in 1918 will be:

STUDY AND PRACTICE: Shakespeare's *As You Like It* and *Julius Caesar*; Homer's *Odyssey*; Macaulay's *Essays on Johnson* and on *Addison*; Franklin's *Autobiography*.

TO BE READ: Coleridge's *Ancient Mariner*; Poe, *Selected Tales*; Stevenson's *Inland Voyage* and *Travels with a Donkey*; *Old Testament*, chief narratives from the Bible, such as those in Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, and Esther; Irving's *Sketch Book*; Lowell's *Vision of Sir Launjal*; Scott's *Kenilworth* and *Marmion*; Shakespeare's *Hamlet*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Goldsmith's *Vicar of Wakefield*; Carlyle's *Essay on Burns*.



The candidate will be expected to possess a fair knowledge of the biographies of authors.

Clear and correct English is expected in all examinations. Adequate understanding of grammar and rhetoric will be required. *No candidate markedly deficient in English will be admitted to the course in the College.*

### 3. Elementary Algebra

The candidate should possess a thorough knowledge of all the fundamental processes of algebra from simple addition through quadratic equations of one or more unknown quantities, as found in the first part of the grade of Slaughter and Lennes High School Algebra. He must be able to factor any ordinary product; to find the greatest common divisor or the least common multiple; to solve simple or simultaneous equations of the first degree, especially those involving fractions; to extract the square or cube root; to solve any quadratic by completing the square as well as by other methods; to solve the type equations in simultaneous quadratics; to handle fractional and negative exponents; to interpret their meaning; to solve equations involving surds, fractions or involving radicals. He must know how to solve problems from the statement of the conditions. He must be able to do this with ease and accuracy and must show the familiarity of constant abundant practice. The completion of these subjects will be given 1½ units credit; but if two years are devoted to more advanced study, 1½ units credit will be 2 units.

### 4. Plane Geometry

The requirements in this course cover not only the whole of the theory of plane geometry, but also a sufficient number of original problems to enable the student to solve such problems readily and accurately.

### 5. Solid Geometry

The relations of lines and planes; the properties of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle, with original exercises in all these subjects.

### 6. Trigonometry

This includes the theory and use of logarithms; the proof of the general formulae of plane trigonometry, and the use of these formulae in solving original problems, especially in the numerical solution of triangles.

### 7. Latin

All candidates for admission should present a statement from their former teacher of the amount of Latin read and the text-books used.

*a.* Grammar, inflections, and the essentials of syntax; Caesar's Gallic War, Books I-IV, or an equivalent; Latin prose composition. The preparation should include an accurate knowledge of the forms of the language; the ability to pronounce Latin with proper attention to the quantity of the syllables; the ability to translate easy Latin prose into good, idiomatic English; the ability to turn simple English sentences into Latin. 2 units

*b.* In addition to the requirement under *a*, the candidate for admission should have had continued training in Latin forms and syntax; he should have read six orations of Cicero, or an equivalent, with at least one exercise each week in turning into Latin connected English of simple style, and some training in translating easy Latin at sight. 1 unit

*c.* Continued training in Latin forms and syntax; at least six books of Virgil's Aeneid, or an equivalent. It should include a knowledge of the rules of prosody and ability to read hexameters metrically; also a review of prose syntax through systematic work in Latin writing. 1 unit

### 8. Greek

*a. Elementary.* Grammar, phonetics, inflections, formation of words, and the essentials of syntax; Xenophon's Anabasis, I-IV, or an equivalent; Greek prose composition, once a week in connection with the reading of the text. The candidate for admission should be able to read Greek aloud without stumbling and to translate simple, easy prose at sight.

Text-books suggested:

Ball, *Elements of Greek*, or White's *First Greek Book*, or Burgess and Bonmer, *Elementary Greek*; Hadley-Allen or Goodwin, *Greek Grammar*; Goodwin-White or Smith, *Xenophon's Anabasis*; Jones or Gleason or Collar-Daniell, *Greek Prose Composition*. 2 units

*b. Advanced.* Homer, Iliad, I-III, or an equivalent; advanced prose composition. The candidate must show a thorough acquaintance with the forms and syntax of Homeric Greek and must be able to read metrically, with accurate attention to quantities and rhythm, any given passage of Homer. He should have in addition to the requirements under *a*, at least one exercise each week in turning English into Greek. 1 unit

### 9. French

*a. Elementary.* The elementary study of the languages, covering two years of daily recitations, should lay stress on the following points:

1. An accurate knowledge of the forms of the language, including regular and irregular verbs. Particular attention should be devoted to this part of the subject; constant drill in the verbal inflections, both written and oral, and dictation exercises are recommended. 2. The elements of syntax, such as the use of the article, the personal pronouns, the subjunctive, the partitive construction, and the agreement of the participle. 3. The ability to turn easy English prose into French (or Spanish). 4. The ability to read at sight ordinary French (or Spanish.) 5. The ability to pronounce correctly.

The reading in the elementary course should cover not less than four hundred duodecimo pages chosen from the works of at least three different authors. 2 units

*b. Advanced.* The advanced requirements are intended to represent three years of daily recitations. The specific demands are: the reading in the advanced course should cover not less than three of the classic dramas (such as *Les Femmes Savants*, *Le Cid* and *Athalie*), and eight hundred pages of modern prose.

### 10. Spanish

A candidate showing evidence of preparation in Spanish equivalent to that described for elementary French (*q. v.*) will be allowed two units for entrance. 2 units

### 11. German

All candidates should present a statement from their former teacher of the amount of German read and the text-books used.

*a. Elementary.* The ability to translate easy German prose and verse at sight; an accurate knowledge of the principles of grammar, embracing especially inflections, word-order, syntax, the composition of words, and the force of prefixes and suffixes; the ability to translate easy prose from English into German; the ability to pronounce German and to recognize German words and simple sentences when spoken. Careful attention should be given to the rules for pronunciation and accentuation, to insure the fluent and intelligent reading of the German texts used in the class-room. This preparation would be represented, approximately, *in reading*, by material of the character of Thomas and Hervey's Reader, and the careful study of one or more modern dramas (about two hundred duodecimo pages of easy German), supplemented by the reading of German poems, lyrics as well

as ballads, a number of which should be memorized; *in composition*, by the first twenty-six exercises in Harris's German Prose Composition, or an equal amount of work based on texts read in class. These exercises, the original work done by the student, followed by the corrected work approved by the teacher, should be written in ink and preserved for inspection. 2 units

*b. Advanced.* The ability to translate ordinary German prose and verse at sight; a thorough knowledge of word-formation, derivatives, and the relation of the English and German consonantal changes; advanced German syntax, with special reference to the uses of the tenses and cases, the modal auxiliaries, and the moods; the ability to translate into German easy connected English prose.

It is believed that this preparation can be acquired by the careful reading of five hundred duodecimo pages of classical and contemporary prose and verse, in addition to the reading required for Elementary German. It is recommended that one half of this reading be selected from the following classics: Lessing's *Minna von Barnhelm*, Goethe's *Egmont* or *Götz von Berlichingen*, Schiller's *Wilhelm Tell* or *Jungfrau von Orleans*; the other half from more recent writers such as Grillparzer, Freytag, Keller, Storm, etc. It is further recommended that particular attention be paid to the literary value of the works read. For the preparation in translation from English into German the first fifty pages of von Jagemann's or Poll's *German Prose Composition*, or its equivalent, is recommended. This work should be preserved in the manner suggested under Elementary German. It is desirable that candidates should acquire the ability to follow a recitation conducted in German, and to answer in simple German sentences. 1 unit

## 12-15. History

While text-book knowledge is valuable, candidates for credit in entrance history must submit evidence of a certain amount of work done outside the text-books. They must have received training in map drawing and in the investigation of topics requiring supplementary reading. They must show a considerable knowledge of the supplementary reading given below, with analysis of specified chapters.

The evidence of such work may be presented in the form of a note book, containing the exercises of the student in any one of the four history subjects, or in the form of a detailed statement made by his teacher.

### 12. Ancient History

**Text-books:** The Oriental Nations:—West, *Ancient History*, 1-75; or Myers, *General History*, 1-86, or an equivalent. Greece:—Myers,

# REQUIREMENTS FOR ADMISSION

*History of Greece*; or Botsford, *History of Greece*; or the equivalent. Rome:—Myers, *Rome*; or West, *Ancient History*; or Botsford, *Rome*; or an equivalent.

For supplementary reading:—Munro, *Source Book of Roman History*; Cox, *General History of Greece* (Student's Series); Pelham, *Outlines of Roman History*; Abbott, *Roman Political Institutions*; Ginn & Co., *Classical Atlas*.  
1 unit

13. Mediaeval and Modern History  
Text-books: Myers, *Mediaeval and Modern History*; or Robinson, *History of Western Europe*; or an equivalent.  
For supplementary reading and reference:—Robinson, *Readings in European History*; West, *Modern History*; Adams, *Civilization During the Middle Ages*, Fyffe, *History of Modern Europe* (Popular Edition); Munro and Sellery, *Mediaeval Civilization*; Dow, *Historical Atlas*.  
1 unit

14. English History  
Text-books: Andrews, *History of England*; Coman & Kendall, *History of England*; or Ransom, *Advanced History of England*; or an equivalent.  
For supplementary reading:—Green, *Short History of the English People*; Traill, *Social England*; Adams & Stephens, *Select Documents of English Constitutional History*; Kendall, *Source Book of English History*; Lee, *Source Book of English History*; University of Pennsylvania, *Translations and Reprints*; Gardiner, *School Atlas of England*.  
1 unit

15. American History  
Text-books: Chambers, *History of the United States*; or Montgomery, *American History*; or an equivalent; and Hart, *Actual Government*; or Ashley, *American Federal Government*; or an equivalent.  
For supplementary reading and reference:—"Epochs of American History" series; Hart, *American History told by Contemporaries*; MacDonald, *Select Charters, Select Documents and Select Statutes*; McCoun, *Historical Geography of the United States*.  
1 unit

16. Physics  
A general course occupying at least five hours a week for one year, at least one-third of which time is to be devoted to individual laboratory practice. The instruction should include abundant illustrative lecture room experiments, and should devote special attention to the illustrations of physical principles to be found in every-day life.

The scope of the work required is about that indicated by the text-book of Carhart and Chute, that of Millikan and Gale, or that of Mann and Twiss, together with at least thirty-five or forty laboratory experiments similar to those of the *Laboratory Course* of Millikan and Gale, or the *National Physics Course*. A properly certified note book containing the record of these experiments must be submitted.

1 unit

### 17. Chemistry

The applicant for admission offering chemistry as one unit should have mastered the elementary principles of inorganic chemistry and learned the chemical characteristics of a few of the common metals and non-metals. He should be able to express his thoughts clearly and to understand and employ chemical symbols and equations. Two-fifths of the time given to the study should be devoted to individual laboratory work.

1 unit

### 18. Biology (Botany and Zoology)

One year's work divided between Botany and Zoology, according to the scheme presented under 19 (Botany) and 20 (Zoology).

Text-book suggested: Hunter, *Essentials of Biology*.

1 unit

### 19. Botany

Structure and classification of the flowering and higher orders of the non-flowering plants, A working knowledge of the compound microscope.

Text-book suggested: Coulter, *Plant Studies*, or Barnes, *Plant Life*.

1 unit

### 20. Zoology

A thorough knowledge of animal life in general, such as may be obtained by out-door observations of the habits of wild and domestic animals under the guidance and supervision of a competent instructor.

Text-book suggested: Jordan and Kellogg, *Animal Life*; or an equivalent.

1 unit

### 21. Physiology

The structure and functions of the human body. Text-books suggested: Martin, *The Human Body*, (briefer edition, 5th revised edition), Lincoln, *Hygienic Physiology*, or Smith, *The Human Body and its Health*.

A candidate for entrance who has taken only the work in elementary physiology and hygiene done in the grammar or intermediate grades is not prepared to offer the subject for entrance credit. The

LIBRARY OF THE

F

Julane

### 27. Forge Work

This demands an elementary knowledge of the properties of wrought iron and steel, and of the proper heats at which to work them. The management of forge and fire and the nature and uses of all the ordinary blacksmithing tools should be known. The candidate must be efficient in the operations of drawing out, upsetting, bending and twisting of metal into simple designs; in the art of welding and the proper treatment of steel, in the forging and tempering of tools.

½ unit

### 28. Machine Tool Practice

To obtain a credit of 1 unit in Machine Tool Practice, a student must have acquired the arts of chipping, filing, and scraping, also experience in laying out work and the manipulation of the lathe, planer, and scraper, and the ability to produce machine work of a simple character.

Technique is considered of prime importance in the above requirements.

1 unit

### 29. Appreciation of Art

A student offering art appreciation for college entrance will be required to show by examination or satisfactory credentials, appreciation of art as a cultural resource; to analyze the meaning of works of art and to express a critical judgment as to their individual worth.

1 unit

### 30. History of Art

A student offering art history for college entrance credit should present satisfactory evidence of familiarity with the rise and development of art in Europe or the United States.

1 unit

### 31. Harmony

The candidate should have acquired:

1. The ability to harmonize, in four vocal parts, simple melodies of not fewer than eight measures, in soprano or in bass. These melodies will require a knowledge of triads and their inversions, of diatonic seventh chords and inversions, in the major and minor modes; and of modulation, transient or complete, to nearly related keys.

2. Analytical knowledge of ninth chords, all non-harmonic tones, and altered chords (including augmented chords). (Students are encouraged to apply this knowledge in their harmonization.)

It is urgently recommended that systematic ear-training (as to interval, melody and chord) be a part of the preparation for this examination. Simple exercises in harmonization at the pianoforte are re-



commended. The student will be expected to have a full knowledge of the rudiments of music, scales, intervals, and staff notation, including the terms and expression-marks in common use. 1 unit.

### 32. Musical Appreciation

The candidate is expected to have:

1. A general knowledge of the principal musical forms, song, classic dance, fugue, sonata (all movements), symphony, and of their historical development.

2. A general knowledge of the lives and environment of at least ten composers, including Bach, Mozart, Beethoven, Schubert, Chopin, and five of the following: Händel, Gluck, Haydn, Weber, Mendelssohn, Schumann, Wagner, Verdi, Brahms, Tschaikowsky, Grieg, MacDowell.

3. Familiarity with certain designated works. *Bach*, Prelude II and Fugue II, Book I, Well-tempered Clavichord, Gavotte from 6th English Suite; *Händel*, The Hallelujah Chorus; *Haydn*, slow movement from "Emperor Quartet" (Op. 76, No. 3); *Mozart*, Symphony in G minor (entire); *Beethoven*, Sonata, Op. 31, No. 3 (entire), slow movement from Second Symphony, first movement from Seventh Symphony; *Schubert*, first movement from Unfinished Symphony, song, "Erl-King", song, "Hark, Hark the Lark"; *Mendelssohn*, overture to "Midsummer Night's Dream"; *Chopin*, Ballade, Op. 47, Polonaise, Op. 26, No. 1, Nocturne, Op. 37, No. 2; *Schumann*, Allegro from Faschingsschwank, Op. 26, No. 1, song, "Im wunderschönen Monat Mai"; *Wagner*, overture to "Tannhäuser", prize song from the "Mastersingers".

In the examination in 3 the candidate will be expected to identify characteristic portions of the works set, when played by the examiner, and to give intelligent information concerning the form and character of the works themselves. The test will not require ability to perform nor to read from printed music. 1 unit.

### 33. Musical Performance

The candidate is expected to show proficiency and taste in performance in singing, piano, organ, or an orchestral instrument. (Further information regarding the requirements may be obtained by application to the Director of the School of Music.) 1 unit.

### 34. Domestic Science

Five laboratory periods a week for 1 year (or, preferably, the same amount of work extended over two years). The course should include

the study and preparation of foods, and household management, and should be accompanied by a course in general chemistry with laboratory. The study of food should be preceded by a month's study of the physiology of digestion and circulation.

Standard text books should be used for all of these subjects.

Textbooks suggested: Kinne and Cooley's *Foods and Household Management*; Greer's *Textbook of Cookery*; Bailey's *Domestic Science Principles and Applications*; Lincoln's *School Kitchen Textbook*.

1 unit.

### 35. Comparative Anatomy

Applicants for admission to the School of Medicine may submit as one of the elective units, certified evidence of one year's study in Comparative Anatomy, including laboratory periods indicating dissection of at least two lower animals, and three or more periods of recitations per week.

1 unit

### 36. Pharmacy

Applicants for admission to the School of Pharmacy may submit as one of the elective units, evidence of one year's study in Pharmacy at a regular school of pharmacy or at a college giving a course in pharmacy, including laboratory periods in pharmaceutical study, and at least three periods a week in recitation.

1 unit

---

## AFFILIATED SCHOOLS

The following regulation has been adopted by the Board of Administrators :

" If any Public or Private High School or Academy shall furnish to the President of the University satisfactory proof : (1) that it has adopted the curriculum of studies recommended by him, or its equivalent ; (2) that it has a corps of teachers competent for instruction therein ; (3) that it has enforced an adequate standard of examinations ; the President is hereby authorized to accept the certificate of the principal of such school that the student has followed the course and passed successfully the required examinations, as entitling such student to admission to the appropriate college course without further preliminary examination."

*[The University desires to extend this list. Correspondence from principals desirous of affiliation is solicited.]*

Central High School . . . . .	Birmingham, Ala.
Disque High School . . . . .	Gadsden, Ala.
Marion Military Institute . . . . .	Marion, Ala.
Mobile High School . . . . .	Mobile, Ala.
University Military School . . . . .	Mobile, Ala.
University School . . . . .	Montgomery, Ala.
Hope High School . . . . .	Hope, Ark.
Magnolia High School . . . . .	Magnolia, Ark.
Pine Bluff High School . . . . .	Pine Bluff, Ark.
Duval County High School . . . . .	Jacksonville, Fla.
Pensacola High School . . . . .	Pensacola, Fla.
Columbus High School . . . . .	Columbus, Ga.
Abbeville High School . . . . .	Abbeville, La.
Bolton High School . . . . .	Alexandria, La.
Arcadia High School . . . . .	Arcadia, La.
Bastrop High School . . . . .	Bastrop, La.
Baton Rouge High School . . . . .	Baton Rouge, La.
Bienville High School . . . . .	Bienville, La.
Bursly High School . . . . .	Brusly, La.
Crowley High School . . . . .	Crowley, La.
Donaldsonville High School . . . . .	Donaldsonville, La.
Franklin High School . . . . .	Franklin, La.
Gibbsland High School . . . . .	Gibbsland, La.
Hammond High School . . . . .	Hammond, La.
Homer High School . . . . .	Homer, La.
Lorton Preparatory School . . . . .	Houma, La.
Terrebonne High School . . . . .	Houma, La.
Jennings High School . . . . .	Jennings, La.
Lake Charles High School . . . . .	Lake Charles, La.
Marksville High School . . . . .	Marksville, La.
Minden Graded High School . . . . .	Minden, La.
City High School . . . . .	Monroe, La.
Ouachita Parish High School . . . . .	Monroe, La.
Napoleonville High School . . . . .	Napoleonville, La.
New Iberia High School . . . . .	New Iberia, La.
Chenet Institute . . . . .	New Orleans, La.
T. W. Dyer's University School . . . . .	" " "
L. C. Ferrell's School for Boys . . . . .	" " "
Holy Cross College . . . . .	" " "

# AFFILIATED SCHOOLS

61

Isidore Newman Manual Training School .	New Orleans, La.
Rugby Academy . . . . .	" " "
St. Aloysius College . . . . .	" " "
Warren Easton Boys' High School . . . . .	" " "
St. Landry High School . . . . .	Opelousas, La.
St. Martinsville High School . . . . .	St. Martinsville, La.
Shreveport High School . . . . .	Shreveport, La.
Tallulah High School . . . . .	Tallulah, La.
Vidalia High School . . . . .	Vidalia, La.
Washington High School . . . . .	Washington, La.
Amory High School . . . . .	Amory, Miss.
Biloxi High School . . . . .	Biloxi, Miss.
Como High School . . . . .	Como, Miss.
Laurel High School . . . . .	Laurel, Miss.
Meridian High School . . . . .	Meridian, Miss.
Natchez High School . . . . .	Natchez Miss.
Jefferson Military College . . . . .	Washington, Miss.
Columbia Military Academy . . . . .	Columbia, Tenn.
Castle Heights High School . . . . .	Lebanon, Tenn.
McFerrin School . . . . .	Martin, Tenn.
Central High School . . . . .	Memphis, Tenn.
Beaumont High School . . . . .	Beaumont, Texas.
Allen Academy . . . . .	Bryan, Texas.
Dallas High School . . . . .	Dallas, Texas.
Denton High School . . . . .	Denton, Texas.
Dublin High School . . . . .	Dublin, Texas.
Ennis High School . . . . .	Ennis, Texas.
Fort Worth High School . . . . .	Fort Worth, Texas.
Houston High School . . . . .	Houston, Texas.
San Antonio High School . . . . .	San Antonio, Texas.
Sherman High School . . . . .	Sherman, Texas.
Victoria High School . . . . .	Victoria, Texas.
Waco High School . . . . .	Waco, Texas.

## GENERAL INFORMATION

---

### LOCATION AND BUILDINGS

Like other large cities, New Orleans is a great laboratory of observation and study. Engineering, architecture, manufacturing of many sorts, sociology, economics, music, art, law, medicine, all the great interests of society are here exhibited in fullest activity. Properly used the city constitutes a most important asset of a great university, since it offers opportunities of inspection or of actual participation in a manner not possible for an institution differently situated. Tulane University endeavors to secure for its students the fullest benefit from the opportunities thus offered.

The University, in all its departments, is located in the City of New Orleans. The Colleges of Arts and Sciences and Technology, the H. Sophie Newcomb College, the Graduate Department, the College of Law, the first and second years of the School of Medicine, the School of Pharmacy, and the first two years of the School of Dentistry are on the Campus in St. Charles Avenue, opposite Audubon Park, in the handsomest and most rapidly improving residential district. Students of the third and fourth years of the School of Medicine and of the School of Dentistry, the students of the Graduate School of Medicine and of the School of Hygiene and Tropical Medicine are taught in the Hutchinson Memorial building in Canal Street, which is in close proximity to the great Charity Hospital, the unrivaled facilities of which are freely used in their instruction. The College of Commerce and Business Administration holds its day courses in Gibson Hall and its night courses in the rooms of the New Orleans Association of Commerce, which generously provides ample quarters.

About one hundred acres of the tract on St. Charles Avenue have been set apart as a campus, and upon this the following buildings have been erected: Gibson Hall, named in honor of General Randall Lee Gibson, first President of the Board of Administrators; the Physics Building; the Richardson Chemistry Building; a group of Engineering Buildings, consisting of the Experimental Engineering, Electrical Engineering, and Mechanic Arts Laboratories, and Drawing Rooms; the Richardson Memorial building; the Academic and Richardson Memorial Dormitories; the Stanley Thomas Hall; the Dining Hall; the Gymnasium; and the F. W. Tilton Memorial Library with its annex.

The following buildings of Newcomb College, completed for session of 1918-1919, are also on the Campus, occupying the section facing Broadway: Administration Building, Art Building, Residence Building, and Nos. 37, 57, and 63 Audubon Place (temporary quarters of the School of Music). The Newcomb Pottery will remain, for the present, at No. 2828 Camp Street.

In all its departments the University occupies twenty-two buildings, nearly all of which have been constructed within recent years and are in every respect modern in their design and appointments.

Immediately in the rear of the college campus are the athletic grounds, covering about six acres with a large concrete stadium. Here the students can find daily exercise within convenient distance of their college duties. The climate allows out-door exercise during the entire session.

By its situation which is practically insular, the city is protected alike from the extreme heat of summer and cold in winter. The climate, especially during the session of the University, is healthful and agreeable. It has been remarked especially by Northern visitors who find this a delightful place in which to escape from the rigor of a northern winter. Flowers bloom in the open and the green of the lawns is rivaled by that of the foliage of oaks, magnolias, palms and subtropical shrubbery.

An idea of climatic conditions can be formed by noting the official temperature reports from the United States Weather Bureau. The mean annual temperature for 39 years, is, for October, 70; for November, 67; for December, 55; for January, 54; for February, 57; for March, 63; for April, 69; and for May, 75.

---

### FELLOWSHIPS

The Peabody Fellowship in Economics, for encouragement of research into economic aspects of Southern welfare, is offered in the belief that promotion of original investigation of economic and social conditions in the South affords large opportunity for service.

The Peabody Fellow must engage to undertake research, under the direction of the Professor of Economics and Sociology, into some definite question concerning the economic and social welfare of the South.

This Fellowship is the gift of Mr. George Foster Peabody. Its holder receives, besides free tuition, a stipend of \$175. It is open to graduate students, whether graduates of Tulane University or not.

The **Alumni Fellowship** is offered to the most promising applicant for graduate work, irrespective of department. The Alumni Fellow must have obtained a degree and must prove his ability to do independent, original investigation.

The Alumni Fellowship is endowed by the Alumni Association of the Tulane University of Louisiana. Its holder receives free tuition and \$250 a year. Application should be made to the President of the University. The appointment is made only for one year, but may be renewed at the discretion of the committee in charge.

**Fellowships** are awarded by the Board of Administrators to graduates of this University or of other institutions of equal rank who are found after careful examination to be especially fitted by reason of scholarship, maturity, and character to give instruction under the direction and supervision of professors in charge. In each instance the fellow is expected to do graduate work, selecting his major subject in the department in which he gives instruction. The holders of these fellowships receive \$250 a year with free tuition. Information regarding these fellowships may be obtained from the Dean of the College of Arts and Sciences, or from the President of Newcomb College (for women).

---

### SCHOLARSHIPS

#### IN THE COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY

**State Scholarships.** Under Section 6 of Act No. 43 of 1884, the University gives free tuition in the College of Arts and Sciences to one student from each senatorial and from each representative district or parish of the State of Louisiana. By resolution of the Board of Administrators these scholarships are for the present allowed also in the College of Technology. In the School of Architecture as re-established no free scholarships will be available. In accordance with the terms of this Act, the following rules have been adopted in regard to the candidates for these scholarships:

1. As provided in said act there shall be one such scholarship for each senator and each representative in the State, and it shall confer the privilege of free tuition.
2. Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.
3. The candidate must be a *bona fide* resident of the district or parish from which he is appointed; that is, his parents, or guardian, shall be domiciled in said district or parish.

4. He must be a white male youth, not less than sixteen years of age, prepared for college work.

5. He may enter any regular class for which he is qualified. For entrance to the Freshman class reference is made to the requirements for admission given under Admission to the University.

6. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian, and the date of his birth.

7. Accompanying his letter of application he must present his appointment. Blanks for appointment may be obtained from the Registrar of the University. In order to identify the signature to such appointment of the senator or representative making it, his signature must be acknowledged by him before some competent state official.

**City Scholarships.** In accordance with the provisions of Ordinances Nos. 6767 and 7540, A. S., of the City Council of New Orleans, the Mayor of New Orleans appoints annually five students from the public schools of the City to scholarships in the College of Arts and Sciences or the College of Technology.

**Honor Scholarships.** Two scholarships in the College of Arts and Sciences or in the College of Technology (except the courses in Architecture) are awarded annually to those graduates of the Warren Easton High School of the City of New Orleans, who have been most distinguished for scholarship, deportment, and punctuality. These scholarships are to be filled upon the recommendation of the Principal and Faculty of the High School.

The Administrators of the University desiring to encourage schools of proper grade in Louisiana and other Southern States, have authorized the President of the University to offer one scholarship annually to approved high schools in Louisiana available in the College of Arts and Sciences, or in the College of Technology (except the courses in Architecture), and to approved high schools in other Southern States available in the College of Arts and Sciences only, to be awarded to a meritorious student, member of the high school class last graduated. It is understood that these scholarships are to be a reward of merit, and are to be offered by the Principal and Faculty of the school or academy to the student having the highest average grade; and in case he should decline, it may, by the consent of the President of the University, then be offered to the student having the next highest grade, provided that grade does not fall below the rank of excellent.

**Alumni Scholarships.** The Alumni Association of the University has been authorized by the Administrators of the Tulane Educational



Fund to offer four free scholarships to meritorious and needy students, residents of Louisiana, one to be appointed annually, in case of a vacancy, in the undergraduate Colleges of the University (except the courses in Architecture). Applications for these Alumni Scholarships should be made to the Executive Committee of the Alumni Association, Gibson Hall, New Orleans.

**Board Scholarships.** The Administrators of the Tulane Educational Fund grant free tuition in the Colleges of Arts and Sciences and College of Technology (except the courses in Architecture) to a limited number of meritorious and needy students, residents of Louisiana. Application blanks for these scholarships may be obtained from Mr. L. A. Wogan, Secretary, 211 Camp Street, New Orleans, La.

**Louisiana Battle Abbey Scholarship.** This is endowed by the Louisiana Battle Abbey Association and will be awarded to a worthy descendant of a Louisiana Confederate veteran, who shall qualify for it through a competitive examination. This scholarship is available in the College of Arts and Sciences or the College of Technology (except the courses in Architecture). Applications for this scholarship should be addressed to Mr. L. A. Wogan, Secretary, 211 Camp St.

**Harvard Scholarship.** The Harvard Club of Louisiana offers a scholarship in Harvard University, to be awarded to a member of the graduating class of this year, with a degree in Arts and Sciences, who desires to take one year of work at Harvard University in the academic department. The appointment is made by the President and Faculty of Tulane University.

**Scholarships in Architecture.** The Louisiana Chapter of the American Institute of Architects offers a scholarship in the School of Architecture.

The Contractors and Dealers Exchange of New Orleans also offers a scholarship in the School of Architecture, under the auspices of the Louisiana Chapter of the American Institute of Architects.

Applications for these scholarships shall be made to Mr. Moise H. Goldstein, Secretary, 305 Baronne Street, New Orleans.

#### **In Newcomb College.**

The following Scholarships are offered in the Newcomb College :

**I. The Cora A. Slocumb Scholarship,** endowed by Mrs. Ida A. Richardson, of New Orleans.

**II. The B. C. Wetmore Scholarship,** endowed by Mr. B. C. Wetmore, of New York.

**III. The Tulane Scholarship,** given by the Administrators of the Tulane Educational Fund.

**IV. The Ida Roehl Hernsheim Scholarship**, endowed by Mr. Simon Hernsheim, of New Orleans.

**V. The F. Walter Callender Scholarship**, endowed by Mr. F. Walter Callender, of New York.

These scholarships are offered to the graduates of the New Orleans public high schools. Only those will be considered eligible who are qualified for admission to one of the regular college courses, who have graduated from one of the high schools in the year preceding and who are recommended by its principal.

**VI. The Louisiana Battle Abbey Scholarship**, endowed by the Louisiana Battle Abbey Association. This scholarship is offered to a worthy descendant of a Louisiana Confederate veteran.

**VII. Three Baker Scholarships**, endowed by a bequest of Mrs. Elizabeth Stone Baker. These scholarships are open to general competition.

**VIII. The J. C. Morris Scholarship**, endowed by a bequest of J. C. Morris, former Administrator of Tulane University. This scholarship is open to general competition.

One or more of the above scholarships will be awarded each year, subject to the conditions stated, to the applicants who shall make the highest record in competitive examination. This examination will be held at the college at the beginning of its session, as announced in the catalogue. Examinations are held in English, Mathematics, and Language, the questions in each examination being based upon such preparation for entrance as that indicated under requirements for admission; in English, reading of texts mentioned will form the basis of the examination.

**IX. United Daughters of the Confederacy Scholarships.** A scholarship has been placed at the disposal of the General Order of the Daughters of the Confederacy in Louisiana and another at the disposal of the Stonewall Jackson Chapter of New Orleans. An applicant for either of these scholarships must be a worthy descendant of a Confederate veteran.

**X. Southern Association of College Women Scholarships.** Newcomb College has tendered to the S. A. C. W. twelve scholarships to be allotted by the Association to the various southern states. Any graduate of an accredited high school may compete for a scholarship and the award will be determined by the candidate's class standing during her last year in high school together with an examination in mathematics, English and one language. Upon application, examination questions will be mailed to principals of high schools about

the first of May or of September. The examination papers of the candidates must be sent to Newcomb for grading.

No state may receive more than two of these scholarships a year, and no school shall receive the award oftener than once in four years, except those schools in which College Clubs have been formed by the Southern Association of College Women.

**XI. The Meta D. Huger Scholarship**, endowed by the Meta D. Huger Alumnae Association. Open to general competition.

**XII. Alumni Scholarships.** The Alumni Association of the University has been authorized by the Administrators of the Tulane Educational Fund to offer four free scholarships to meritorious and needy students, residents of Louisiana, one to be appointed annually, in case of a vacancy, in the undergraduate Colleges of the University (excepting the courses in Architecture). Applications for these Alumni Scholarships should be made to the Executive Committee of the Alumni Association, Gibson Hall, New Orleans.

By a recent action of the Board of Administrators, a limited number of scholarships in the School of Art are offered to deserving students who propose to take a full course in Art and who have complied with the entrance requirements of the University.

The Board of Administrators also offer a limited number of free scholarships to graduates of accredited high schools in Louisiana and adjoining states. Particulars in regard to these will be furnished upon application.

Applications for all scholarships should be made as early as practicable, and not later than Sept. 15th.

---

### **FREE TUITION FOR TEACHERS OF ATTAINMENT**

Teachers of attainment on actual leave of absence may be granted free tuition, for one year, in College of Arts and Sciences, Newcomb College, or the Graduate Department, upon furnishing satisfactory evidence of ability.

---

### **FORFEITURE OF SCHOLARSHIPS**

(IN THE COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY)

Students holding State or City Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and are required to maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships, this forfeiture to take place at the close of the academic session in June. When a State

or City Scholarship has been once forfeited, the legislator or mayor is notified of such forfeiture and the reasons therefor, and a student may re-enter on such scholarship only when newly appointed by the proper officer in the proper legal manner.

Students holding Honor Scholarships or Board Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and must maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships at the end of any term in which the low average occurs. But any student whose scholarship has been thus forfeited may regain it at the end of the following term if the required standard has been maintained; and the scholarship so regained may be retained as long as the required standard continues to be maintained and not longer.

Holders of scholarships absenting themselves from classes without satisfactory excuse render themselves liable to forfeiture of their scholarships at any time that the faculty may see fit to impose the penalty.

#### (IN NEWCOMB COLLEGE)

A student holding competitive or other scholarships must show her proficiency by the middle of the Sophomore year; and a condition shall constitute a deficiency. A scholarship student who is thus found deficient will forfeit her scholarship at the close of the sophomore year, or at any time thereafter, should she become deficient. The scholarship may also be forfeited at any time for marked deficiency or for other cause, at the discretion of the faculty.

Scholarships thus forfeited may be recovered by removal of such deficiencies, and additional evidence of merit, but shall not warrant the refunding of tuition or fees that may have been incurred.

---

### DEGREES

**Bachelor of Arts.** Students completing the Classical or Literary Course in the College of Arts and Sciences, or a regular college course in Newcomb College, will be graduated with the degree of Bachelor of Arts.

**Bachelor of Science.** Students completing the Scientific Course, or the combined Academic-Medical Course, in the College of Arts and Sciences will be graduated with the degree of Bachelor of Science.

**Bachelor of Arts in Education.** Students of the College of Arts and Sciences or of Newcomb College who have completed the required four years' course of study will be graduated with the degree of Bachelor of Arts in Education.

**Bachelor of Music.** Students completing the regular course of four years of the School of Music of the Newcomb College will be graduated with the degree of Bachelor of Music.

**Bachelor of Engineering.** Students completing any of the regular courses of the College of Technology will be graduated with the degree of Bachelor of Engineering. The diploma will indicate the course of study pursued by the student.

**Bachelor of Architecture.** Students completing the course in Architecture, as distinguished from the course in Architectural Engineering, will be graduated with the degree of Bachelor of Architecture.

**Bachelor of Business Administration.** Students of the College of Commerce and Business Administration who have completed the required four years course of study, the first two years of which are primarily in the College of Arts and Sciences, and the last two years of which are primarily in the College of Commerce and Business Administration, will be graduated with the degree of Bachelor of Business Administration.

**Master of Arts or Master of Science.** Students who have received a baccalaureate degree from one of the colleges of this University or from some other institution of equal grade, and who pursue a course of graduate study in the University for at least one year may receive the degree of Master of Arts or Master of Science.

**Master of Architecture.** Students who have received the degree of Bachelor of Architecture from this institution, or from an institution of like standing, and who complete a course of study satisfactory to the Dean of the Graduate Department and to the Committee on Graduate Studies, may receive the degree of Master of Architecture.

**Advanced Engineering Degrees.** Graduates of the College of Technology, or of other engineering schools of equal grade, who pursue a course of study in the University for at least one year; or who have done two years of professional work *in absentia*, satisfactory to the Committee on Graduate Studies, may receive the degree of Mechanical Engineer, Electrical Engineer, Chemical Engineer, or Civil Engineer.

**Doctor of Philosophy.** The degree of Doctor of Philosophy requires for its attainment the successful completion of a course of graduate study estimated to extend over not less than three years, in which the candidate must give evidence of ability for original research and power of independent thinking.

**Bachelor of Laws.** Students of the College of Law who have pursued a course of study satisfactory to the Law Faculty, and who have

passed the requisite examinations, and who have attained the age of twenty-one years, are graduated with the degree of Bachelor of Laws.

**Doctor of Medicine.** The degree of Doctor of Medicine requires for its attainment attendance on a full four years' course, unless credit be allowed for previous graduation at a recognized institution of higher learning.

**Pharmacy Degrees.** Two graded courses of thirty-two weeks each will be required to complete the course of study leading to the degree of Graduate in Pharmacy (Ph. G.), and three courses will be required for the degree of Pharmaceutical Chemist (Ph. C.). An additional course of thirty-two weeks leads the holder of a Ph. C. degree to the degree of Doctor of Pharmacy (Pharm. D.).

**Doctor of Dental Surgery.** The degree of Doctor of Dental Surgery is awarded on the successful completion of the required work in the School of Dentistry.

**Doctor of Public Health.** The degree of Doctor of Public Health is conferred on Physicians, Engineers, and others specially qualified, who complete the course as outlined.

---

## DIPLOMAS

**In Education.** Students completing the Sophomore year of the B. A. in Education Course in the Newcomb College will be given a diploma for a full two years' course.

**In Art.** Students completing the regular four years' course of the School of Art in the Newcomb College receive the Diploma in Art. In addition, diplomas are offered teachers of art upon completion of a course covering two years, and special certificates for proficiency in other courses.

**In Household Economy.** The School of Household Economy in the Newcomb College offers diplomas under conditions similar to those offered in the School of Art.

**In Music.** The School of Music in the Newcomb College offers diplomas under conditions similar to those in the School of Art.

**In Tropical Medicine.** Graduates and students of medicine and others qualified, completing the course as outlined in the School of Hygiene and Tropical Medicine, will receive the diploma in Tropical Medicine.

---

## MEDALS AND PRIZES

**The Glendy Burke Medals**—founded in 1848 by Glendy Burke—consist of three gold medals which are awarded, one for Oratory, one for superior attainments in Mathematics, and one for an English Essay.

**The Judah Touro Medals**—founded in 1848 by Judah Touro—consist of three gold medals, which are awarded for excellence in Latin, in Greek, in Hebrew, and in Ancient History.

**The Louis Bush Medal**—founded in 1882 by Louis Bush—consists of a gold medal and is awarded for the best essay in the French Language.

Competition for the above medals, except for the medal for English Essay is restricted to members of the Junior and Senior classes of the Colleges of Arts and Sciences and of Technology.

Competition for the medal for English Essay is at present open to members of all classes of the Colleges of Arts and Sciences and of Technology.

**The Carnot Medal.**—A medal is offered annually by Baron Pierre de Coubertin to the successful contestant in a debate upon some question related to French politics, and is open to competition to all students of the University.

**General Rules Governing Awards of Medals.**—No medal is awarded except when marked excellence is exhibited in the subject of the competition.

No medal shall be awarded to any student who is under condition at the time of the award of such medal.

In all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students must compete on the basis of work above and beyond the prescribed course; such work will be assigned by the faculty at the end of each session for the succeeding session. The essay must be typewritten on unruled paper of good quality,  $8\frac{1}{2} \times 11$  inches in size, with a margin of one inch on the four sides of the page, and handed to the Registrar of the University not later than May 1st, with a full list of the authorities consulted and a pledge that the work is original, and must bear a fictitious signature, accompanied by the name of the writer in a sealed envelope.

---

(IN NEWCOMB COLLEGE)

**The Virginia Gleaves Lazarus Medal:** for the best essay written by a Senior or Junior, the subject being selected by the faculty. Given by Mrs. H. L. Lazarus, in memory of her daughter.

**The Mary L. S. Neill Medal:** for excellence in water-color painting by a student in the School of Art, the award being made by the faculty of that department. Founded by the Mary L. S. Neil Book Club, in memory of Mrs. Neill.

**The Class of 1908 Shakespeare Prize:** for the best Shakespearean essay written by a Junior. Endowed by the Rev. Beverley E. Warner.

**The Fannie Estelle Holley Memorial Prize:** for the highest excellence in water-color attained throughout the session by a Junior in the water-color class of the Diploma Course in Art. Given by the Rev. Byron Holley in memory of his daughter.

**The Mary B. Scott Memorial Prize:** for the best historical essay involving original research, written by a Senior. Endowed by Miss Mary M. Scott, in memory of her mother.

**The Class of 1909 Prize:** (a) Members of any department of the Senior Class who have attended Newcomb at least three years shall be eligible. (b) The prize shall be awarded to that Senior who during the last three years of her collegiate course has best combined scholarship with effective and unselfish service in student activities. The standard of scholarship shall be not less than an average of 80%.

**The Jennie C. Nixon Prize:** for the best debate delivered at the public exercises of the Debating Society. Endowed by the Newcomb Alumnae in honor of the first professor of English in Newcomb College.

---

### LIBRARIES

The Tulane Library in the Tilton Memorial Building contains scientific and literary publications and is a depository of public documents; constant accessions are made to it through donations and purchase. It already contains more than 39,000 volumes, including the collection of public documents, about 7,600 volumes.

The Newcomb Library contains more than 14,000 volumes, and subscribes to standard periodicals bearing on the work of the different departments. This library contains a choice selection of books and periodicals on Art and Music.

The Medical Library is conveniently arranged for reference, in the Hutchinson Memorial, with more than 10,000 valuable books and more than 3,500 pamphlets, as well as an excellent file of the current medical journals. Additions are being constantly made to this valuable adjunct of medical education. Additional special library facilities are arranged in each of the laboratory divisions.

The Library of the School of Hygiene and Tropical Medicine contains an excellent collection of books and pamphlets dealing with the various subjects in hygiene and tropical medicine and is at the disposal of all students. Periodicals and new books are being constantly added.



The Law Library consists of more than 7,500 volumes. It includes the reports of the United States Supreme Court, of the Circuit and District Courts, and Circuit Courts of Appeal, of the United States; the reports of the courts of last resorts of all the States of the Union for the past twenty-five years, also many complete sets of state and English reports, encyclopedias, digests etc.

The Library of the School of Dentistry contains a satisfactory collection of books and pamphlets dealing with the study and practice of dentistry. Additions to the library are being constantly made.

The Library of the Orleans Parish Medical Society, containing more than 8,000 volumes, is placed at the disposal of the students of the Graduate School of Medicine.

The Library of the Louisiana Bar Association contains substantially a complete set of American and English reports, the books of reference, encyclopedias, digests, etc., as well as a collection of French texts and cases.

The State Library containing about 40,000 volumes, is domiciled in the court building on Royal Street. It is of great value, especially to students of law and of history and political science.

The Howard Memorial Library contains more than 65,000 carefully selected books, including a complete set of documents bearing on the early colonial history of Louisiana. It is pre-eminently a reference library.

The New Orleans Public Library is a circulating and reference library of value, containing more than 160,000 volumes.

### LABORATORIES

**Art and Architecture.**—The new Stanley Thomas Building contains studios for drawing and painting designed from an experience of 25 years study of local climatic conditions, and are arranged to exclude all except the strictly north light from above, and at the same time to admit air freely. There are separate studios for freehand drawing, color study, clay modeling, and a wide top-lighted hall for exhibitions; also a large studio for architectural design.

The Linton-Surget and loan collections of paintings, marbles, bronzes and art objects are extensive and valuable, and are placed to advantage in the Tilton Memorial Library.

The Newcomb Art School galleries and the Delgado Art Museum in the City Park offer varied opportunities for art study.

**Biology.**—The work of the Department of Biology is carried on for the present in the Physics Building, where several rooms,

including a large general laboratory, 50 by 32 feet, and a lecture-room, are devoted to its needs. All necessary apparatus for the work of the department, such as microscopes and accessories, is provided. The organisms which occur in this region make it a rich field for investigators; the equipment of the laboratory is well adapted to the study of their microscopical anatomy, embryology, and morphology.

**Botany.**—The Botanical Laboratory, with which at present is associated the Laboratory of Pharmacognosy, is situated on the fourth floor of the new Richardson Memorial building. It will be supplied with all apparatus necessary for every line of work both in Botany and Pharmacognosy.

**Chemistry.**—All the work in chemistry pursued by the Undergraduate, Medical, Pharmaceutical, and Dental students is now carried on in the Richardson Chemistry Building, recently remodeled and enlarged to twice its former capacity. Here, there are ample accommodations for a large number of students in every kind of laboratory work, and the building is fitted up with all necessary work-tables, hoods, sinks, and other conveniences.

There are large laboratories for general chemistry and qualitative analysis, physiological, pharmaceutical, organic, and industrial chemistry; smaller ones for quantitative analysis, physical chemistry, electro-chemistry, assaying, spectroscopy, photography, gas, water and fertilizer, and food analysis. Other rooms are devoted to research, store, preparation, offices, etc. The main auditorium seats three hundred students.

**Physics.**—The work in physics is carried on in the Physics Building, a spacious structure, two stories high, 125 feet long by 53 feet deep. This building, planned with great care and attention to detail, affords good facilities for physical demonstration and research. Most of the instrumental equipment of the laboratory is excellent, many of the instruments being of the most approved forms and from the best makers of this country and Europe. A well equipped work shop is in the laboratory; and a mechanician is almost constantly employed in the manufacture, repair, and modification of apparatus. Some of the most useful instruments in the collection have been made in this shop.

*For special laboratories and laboratory details, see bulletins of the several colleges and schools.*

### MUSEUMS

**The University Museum** occupies nearly the entire third floor of Gibson Hall. The collections have been so arranged that the various branches may be studied with facility by the students of the University and the public in general. An index containing a brief reference and data of each numbered specimen of the various departments of Natural History has been prepared, and by its use any desired specimen may be located without loss of time. A copy of this index is kept in each of the administrative offices as well as the museum.

**Anthropology.**—This department is continually increasing in valuable material, especially of American aborigines. The curator has investigated numerous earth and shell mounds in various parts of Louisiana; and the results of his researches, consisting of pottery, stone implements, and skeletons of the mound builders, have been added to the collection. The investigations in Louisiana archæology will be continued in the future.

**Zoology.**—The animal kingdom is well represented and still existing gaps are filled as rapidly as time and opportunity permit. Several divisions, especially osteology and herpetology, have been greatly increased by donations and preparations made by the curator and by the students.

The Museum is indebted to Colonel George Soulé for valuable additions of osteological and wax-model preparations.

Groups of birds in their natural surroundings make the life history of a species apparent at a glance.

**Botany.**—The herbarium has been removed from the museum to the new Botanical department in the Richardson Memorial. While the number of plants is not large, the Flora of Louisiana is fairly completely represented by about a thousand plants of the old "Hale, Riddell, Carpenter collection," put up between 1840 and 1850, and by the collection of the present Professor of Botany, amounting to about thirty-five hundred species put up during the last ten years. Plant material of all kinds, especially from the Gulf States, is greatly desired.

**The Gustave Kohn Collection of the Natural History of Louisiana**, donated to the University by the eminent scientist whose name it bears, contains about 15000 specimens of the fauna and flora of Louisiana, including most of the known species of plants and animals found within the borders of the state. It represents nearly fifty years industrious collecting on the part of the donor and forms an invaluable addition to the museum.

**Palæontology and Geology.**—Some 3000 fossils and casts of fossils are arranged to show the close connection of Palæontology with the sciences of Zoology and Botany on one side and Geology on the other. A series of Professor Unger's charts, illustrating the geologic periods of the earth, are placed to correspond with the contents of the nearest museum cases. Additions to the department have recently been made by exchange with the Rev. Henry H. Thomas, of New Jersey, one of the foremost workers in Geology.

**Mineralogy.**—The mineralogical collections now contained in a separate hall have been rearranged. They number fully 3000 specimens of classified rocks, ores, and other minerals from various States and Territories of the Union.

**The Medical Department Museum** contains an extensive collection of wax and other figures and models, illustrating details of anatomy, normal and pathological, and a large collection of alcoholic preparations.

---

### ART MUSEUMS.

**Linton-Surget Hall.**—The Art Museum in the Tilton Memorial Library embraces the Linton-Surget collection of works of art donated to the City of New Orleans by the late Mrs. Eustace Surget, of Bordeaux, France, and by an ordinance of the City Council placed under the charge of the Administrators of the University; valuable historical portraits and marble statuary donated by Mrs. C. B. Surget, of Bordeaux, France; statues and other objects of art donated by Mrs. F. W. Tilton; the loan collection of Mrs. J. L. Harris and Mrs. Samuel H. Kennedy, of New Orleans; and various bronzes, marbles, paintings, engravings, and other works of art, donated or loaned to the University.

The books, about 2000 volumes, forming a part of the Linton-Surget donation, are preserved in the library.

**Newcomb Art Museum.**—In the Art Building at the Newcomb College a suite of rooms is set apart for the permanent exhibition of paintings and statuary that have been donated to or acquired by the college. Here are held public exhibitions of drawings and paintings by the instructors and students, or loaned for exhibition by artists of New Orleans and other cities.

---

### DORMITORIES FOR MEN

The Dining Hall is located near the dormitories. Board is supplied to the dormitory students, or to other members of the University having rooms elsewhere, and lunch is served to all connected with the colleges.

The Academic dormitory building consists of three Halls, each having three floors, and each separated from its adjoining Hall by a brick wall without openings. They have been named, *La Salle, Bienville,* and *Gayarré Halls*. Each Hall will accommodate sixteen students.

The Richardson Memorial Dormitory, for Medical students, consists of two Halls, each having three floors, and separated by a wall without openings. North Hall will accommodate twenty-nine students and South Hall will accommodate twenty-three students.

The dormitories are well constructed and well furnished, having water service throughout and bath rooms, with porcelain tubs or shower baths, on each floor, they are heated by steam, electrically lighted, and provided with fire escapes. There is an abundance of light and air in each room.

The following prices for the session will be charged for rooms and board, payable in advance in two installments, viz: October 1st, and February 1st. This charge includes breakfast and dinner.

The corresponding rooms and suites in each Hall are rented at the same rate.

#### IN THE ACADEMIC DORMITORY

For Suites of Study and two Bedrooms, first and second floors	
for two students .....(each).....	\$160
For Double Rooms, third floor	
for two students.....(each).....	150
For Single Rooms, third floor	
for one student.....	150

#### IN THE RICHARDSON MEMORIAL DORMITORY

(FOR MEDICAL STUDENTS)

##### All Single Rooms

for one student.....	\$150
----------------------	-------

The above rates are for the session, and payable in two installments, viz: the \$160 rooms, \$85 and \$75, and the \$150 rooms \$80 and \$70. No reduction will be made for the Christmas or other holidays, or for absence less than a month.

Rooms will be allotted in the order of application, when the general interests of the student body and of the University is not jeopardized by such allotment. *It will be understood that a room is to be retained for the whole of the session, unless the student should withdraw from the University, or from the dormitory with the written permission of the Chairman of the Dormitory Committee, in which case the rate for the First Term will be charged for the time the room is occupied.*

Lunch can be obtained at an additional price dependent upon the character of lunch desired. It has been thought best to make this arrangement, which enables a student to reduce his necessary living expenses to the smallest amount possible, and at the same time to make the most practical conditions for the serving of lunch, at which time all, boarders or city residents, are placed on the same footing.

Each bedroom is supplied with stationary washstand, oak chiffonier-wardrobe, enameled iron single bed (with spring), one 16 c. p. electric light, and steam heat. Where the bedroom is used as a study also, an oak study table is included in its equipment. In the suites an oak study-table, steam heat, and one 16 c. p. electric light is in each study.

It has been thought best to leave the provision of chairs and extra furniture to the occupants, who will thus be enabled to consult their own tastes and means in the further fitting out of their rooms.

Students must provide themselves with mattress, pillows, sheets, blankets, mosquito bar, and other bedding, and with towels. These can be brought from home or obtained in the city. The size of beds is 36 inches wide by 6 feet 4 inches long.

The University will provide for the cleaning of the bedrooms, studies, hallways, etc.

Application blanks for rooms may be obtained from the Registrar of the University, and must be filled out and filed with him by September 1st, and must be accompanied by a deposit of five dollars to secure the desired space.

The deposit of five dollars will be held as breakage fee. Damage to the furniture, fittings, or to the building, will be deducted from this fee, and the balance, if any, refunded at the close of the session. Damage in the excess of the deposit is covered by the agreement in the application for room.

Applications for Dormitory rooms should be made early as the number of rooms is limited.

For application blank and circular concerning the Dormitories, address the Registrar, Gibson Hall, Tulane University, New Orleans, Louisiana.

---

## RESIDENCE FOR WOMEN

(NEWCOMB COLLEGE)

The residence is provided with every convenience for boarding students. It is situated in immediate vicinity to the college buildings and every precaution has been taken for the care and comfort of its inmates.

Rooms are assigned to students in order of their application, and an early registration will be necessary to secure a place. No one will be considered an applicant unless the request is accompanied by a deposit of five dollars, which will be forfeited if the applicant withdraws, but will otherwise be credited on the first payment.

No place will be reserved for a student of the previous year, unless the deposit of \$5 be made before August 1st.

If the student does not present herself within the first week of the session, her place will not be retained for her.

The care of the students is intrusted to competent matrons and resident teachers, who will maintain correspondence with parents or guardians whenever necessary or desired.

Board for the college year, \$250.

This charge contemplates placing two or three students in each room. In case the space is not required, a student may occupy a room alone, but will be charged \$300 for the school year. This charge does not include tuition. Washing extra, at reasonable rates.

A student remaining for the Christmas holidays will be charged for board at the rate of \$1.50 a day.

A charge of \$5 per term shall be made to each student as an infirmary fee.

*The Infirmary Fee entitles a resident student to the services of the resident physician and of the college nurse and ensures special attention and treatment in the Infirmary for all minor complaints, such as are frequent among students. In case the services of a specialist are required, or if a student must be taken to a hospital, the charge of this will be made against the student. Also, all cases of contagious disease must, by rule of the Board of Health, receive the attention of a special nurse. This also will be made a special charge against the student, but will be made as light as possible.*

Any student who is ill shall be removed to the infirmary whenever in the judgment of the lady in charge and of the resident nurse this shall be necessary.

In case a parent requests the services of a physician other than the one regularly employed by the college, the bill for such services shall be charged against the student.

Each student on entering shall deposit an incidental fee of \$10 to cover breakage or incidental expenses. The unexpended balance will be refunded at the end of the session.

A boarding student is not received for a shorter period than a full term.

Each student will furnish her own napkins, towels, mosquito-bar, and bedding.

A resident student is subject only to such rules as are found necessary to her proper care and security and requisite for the successful prosecution of her studies. No exceptions, therefore, can be made in the case of special students desiring special privileges. The wishes and instructions of parents, in each case, are recorded and followed, so far as is consistent with the general regulations.

Application for rooms should be made on blanks prepared for that purpose, not later than September 1st; earlier, if possible.

For further particulars and application blank, address the REGISTRAR, H. Sophie Newcomb Memorial College, New Orleans, La.

---

### THE UNIVERSITY BULLETINS

The Bulletins of the University are published monthly, and are made up of such matter concerning the institution as may be thought desirable to publish from time to time. The Annual Register for the preceding session, is published in August of each year, and the Registrar of the University will be pleased to place on his permanent mailing list the name of any person who may desire to receive a copy.

A **University Press** has been established and thoroughly equipped with the best modern printing machinery. Its object is to print the University publications, lecture notes, and all the blanks, forms, and other stationery used in the various departments of the University.

---

## STUDENT ORGANIZATIONS

### PUBLICATIONS

**The Tulane Weekly**, is published by the students. It discusses questions of current interest to the students and gives details of college news. The board of editors embraces representatives from all the departments.

**The Newcomb Arcade** is a literary magazine, published by the Alumnae and students of Newcomb College.

**The Jambalaya** is the illustrated annual, published near the end of the annual session by the students of all departments, and forms a record of the year in matters of interest in the social, athletic, and fraternity life of the institution. It is a handsomely bound volume of two hundred or more pages.



### LITERARY SOCIETIES AND CLUBS

There are four literary societies at the University, the Glendy Burke, the Forum, the Literary and Debating Club (Newcomb), and the Law Debating Club. Students are encouraged to join these societies as an excellent means of gaining skill in public speaking, especially in debate. Weekly meetings of each society are held throughout the session, and a joint celebration, open to the public, takes place annually in January.

The Tulane Oratorical and Debating Council has charge of the debates and other public speaking of the University. Its membership includes both undergraduates and alumni.

The Tulane Forensic Club was organized in 1908 for the encouragement of undergraduate forensic activities. It includes all students and alumni who have represented Tulane in some intercollegiate debate or oratorical contest, past presidents of literary societies, and members of the faculty interested in debates. The Club has an annual banquet at which are present, as its guests, the members of the 'Varsity debating teams of the current year.

The French and Spanish Circles, and the Latin and French Clubs, aim to encourage interest in foreign languages.

The Newcomb Dramatic Club. The purpose of the club is to establish interest in dramatics and elocution.

The Newcomb Glee Club fosters an interest in music, develops musical talent, and furnishes music for college entertainments. The club gives an annual concert.

### ATHLETICS

Believing that athletics, when properly conducted, are of great benefit to the students engaged in them and of proper interest to all right-thinking persons, the University encourages this side of college life. Foot-ball, base-ball, and track teams have every opportunity for practice on the athletic grounds of the University, and, under proper restrictions, the teams are allowed to participate in intercollegiate games, both on our own field and elsewhere. The athletic interests of the University are under the charge of the Tulane Athletic Council.

The Newcomb Athletic Association regulates and encourages all athletic interests in Newcomb College, and supervises all tournaments and match games.

### DISCIPLINE

The University is, in tone, Christian, but not sectarian. The discipline of the institution is mild but firm. The students are presumed to be cultured, and a high standard of honor and truthfulness is

inculcated and maintained. Should a student prove deficient in either, or so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents will be respectfully requested to withdraw him. Any gross breach of discipline is visited with suspension, dismissal, or expulsion.

The regular matriculated students of the Colleges of Arts and Sciences and of Technology constitute the official student body and elect a Student Council, to which for the past thirty-two years has been entrusted the honor system and the general discipline of the student body. This system has worked satisfactorily.

The Newcomb Student Body is practically self-governing. The president and vice-president are always Seniors, but the other offices are open to any class. The executive power is in the hands of a committee composed of the Student Body officers together with the presidents of all the classes and organizations. A Student Council has been formed, composed of the four Academic class presidents together with representatives from the Schools of Art, Music, and Household Economy, one of these representatives being always the president of the Art Student Body. The aim of this Council is to aid and encourage those students who for any reason are doing unsatisfactory work; and to raise the moral tone of the college. All matters involving honor are left in its hands, and its decisions are reported to the faculty. The Student Body holds regular semi-monthly meetings, when matters of college interest are discussed and voted on.

---

### YOUNG MEN'S CHRISTIAN ASSOCIATION

An active and efficient Young Men's Christian Association has been in operation for five years. The Association issues a complete students' handbook, which may be obtained on application to the Secretary. A clubroom is maintained, with reading tables, periodicals, etc., for the convenience of the students.

---

### YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The religious life of the College is mainly carried on through the Young Women's Christian Association. The meetings of the Association are held in the Association room. The topics are general, arranged by a program committee whose duty it also is to secure various prominent speakers. There is a Bible Class held weekly under the Association's auspices Sunday evening in one of the College residences. The Association, though practically controlled by its members, has nevertheless an Advisory Board composed of faculty

members and others who are interested in Christian work in Newcomb College. A most cordial invitation to become a member of the Young Women's Christian Association is extended to all who come to college.

---

### STUDENTS' AID AND SELF HELP

**Students' Aid Fund.** Worthy students of the Sophomore class or higher classes may borrow a small sum of money from the Students' Aid Fund, founded by Dr. A. L. Metz, to tide them over financial emergencies. Requests for loans from this Fund must be approved by the Deans of the School of Medicine, the College of Technology and the College of Arts and Sciences.

**The Baker Scholarships,** two in number, endowed by the late Mrs. Elizabeth Stone Baker for the education of two poor and worthy young men, are open to graduate and undergraduate students. They yield, each, about \$89.90.

**The Weis Loan Scholarships.** In memory of the late Julius Weis, his family has established ten loan scholarships of one hundred and twenty-five dollars (\$125.00) each. These scholarships will be awarded, as the funds are available, upon the recommendation of the faculties of the Colleges of Arts and Sciences and of Technology to students in Junior classes who, for lack of necessary funds, may find it impossible to finish the work of the Senior year. Students who wish to avail themselves of this fund should make application to the Faculties not later than May 1st.

If a sufficient number of worthy applicants do not apply from the College of Arts and Sciences and from the College of Technology, it shall be possible for the Faculties of these Colleges to award one or more scholarships to applicants in the Junior Classes of the College of Law and the School of Medicine.

**Self-Help.** Every effort will be made to offer opportunities for self-help to deserving and earnest students of slender means. While efforts will be made to secure work for those willing and able to help themselves, it will be understood that there can be no guarantee of this and prospective students should be provided with sufficient means to meet their wants for a few months at least. During the last session work has been given all who have applied.

During past sessions increasingly larger numbers of students have been given work. These opportunities will continue to be offered, and other means of support will be devised. A committee on self-help has been appointed, and an appeal is made to friends of the Univer-

sity and of education to give employment to students whenever possible. Applications for employment should be made to the Committee on Self-Help, Gibson Hall, Tulane University.

**Newcomb Alumnae Loan Fund.** The Newcomb Alumnae Association maintains a fund for the purpose of lending moderate sums of money to Newcomb students standing in need of such aid. Full particulars may be obtained from the Loan Fund Committee, Mrs. A. W. McLellan, Chairman, 22 Audubon Place.

The Newcomb Alumnae Book Committee will lend or rent college text-books to Newcomb students, the only condition being that books must be returned in good condition.

**Bennett Fund.** Mrs. William Jennings Bryan, acting as trustee of the fund left her by the late Philo Sherman Bennett, of New Haven, Conn., contributed \$500 for a loan fund to aid poor and deserving girls in securing an education. Applications for loans from this fund are to be made to the President of the University.

---

### ALUMNI ASSOCIATION OF THE UNIVERSITY

The Alumni Association of the Tulane University of Louisiana was organized and incorporated, January 20th, 1898. As now constituted it embraces all departments of the University. It is an efficient organization, and has about seven hundred names upon its roll of membership, including many who are prominent in their professions and the higher walks of citizenship. The Association aims to promote the interests of the University in all of its departments and to advance the claims of higher education as far as its influence can be extended.

## GENERAL INFORMATION

The Officers and Members of the Executive Committee, for 1915-16, are as follows:

J. Phares O'Kelley.....President  
 Delvaile H. Theard.....Vice-President  
 Watts K. Leverich.....Secretary  
 Henry W. Robinson.....Treasurer

## GRADUATE DEPARTMENT

Arsene Perrilliat  
 Nicholas Bauer  
 Watts K. Leverich

## COLLEGE OF ARTS AND SCIENCES

Joseph E. Blum, Jr.

## COLLEGE OF TECHNOLOGY

Samuel S. Labouisse

## H. SOPHIE NEWCOMB MEMORIAL COLLEGE

Miss Helene L. Israel

## COLLEGE OF LAW

Norman L. Carter

## SCHOOL OF MEDICINE

Dr. Hiram W. Kostmayer

## SCHOOL OF DENTISTRY

Dr. W. Milton Miller

In addition to the Alumni Association of the University, there are the following associations of the graduates of different colleges:

## TULANE COLLEGE ALUMNI ASSOCIATION

Organized June, 1889.

President, Arthur A. Moreno, '05; Vice-President, Nicholas Callan, '10; Secretary-Treasurer, Bernard H. Grehan, '15; Historian, Charles F. Dunbar, Jr., '10.

## NEWCOMB ALUMNAE ASSOCIATION

Organized March 31st, 1893.

President, Miss Anna E. Many, '07; 1st Vice-President, Miss Lydia E. Frotscher, '04; 2nd Vice-President, Mrs. Ellsworth Woodward, '95; Corresponding Secretary, Miss Ethel W. Perkins, '93; Recording Secretary, Miss Myra C. Rogers, '96; Treasurer, Miss Eleanor E. Reames, '05.

## SCHOOL OF DENTISTRY ALUMNI ASSOCIATION

Organized May 29, 1915.

President, Dr. Frederick J. Wolfe; Vice-President, Dr. Leo C. Dempsey; Treasurer, Dr. Eugene L. Fortier; Secretary, James B. Chenet; Historian, Dr. Julius H. Quinius.

## **COLLEGE OF ARTS AND SCIENCES**

### **FACULTY—1917-18**

- ROBERT SHARP, A. M., Ph. D.,** President of the University.
- ALBERT BLEDSOE DINWIDDIE, M. A., Ph. D., LL. D.,** Dean and Professor of Mathematics and Astronomy.
- WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D.,** Professor of Philosophy. Emeritus.
- ROBERT SHARP, A. M., Ph. D.,** Professor of English.
- WILLIAM WOODWARD,** Professor of Drawing.
- ABRAHAM LOUIS METZ, M. Ph., M. D.,** Professor of Chemistry.
- MORTON ARNOLD ALDRICH, Ph. D.,** Professor of Economics and Sociology.
- REGINALD SOMERS COCKS, A. M.,** Richardson Professor of Botany.
- MAX HELLER, M. L.,** Professor of Hebrew.
- GEORGE EUGENE BEYER,** Professor of Biology.
- JOHN CHRISTIAN RANSMEIER, A. M., Ph. D.,** Professor of German.
- EDWARD AMBROSE BECHTEL, Ph. D.,** Professor of Classical Languages.
- MELVIN JOHNSON WHITE, Ph. D.,** Professor of History.
- J. HARRY CLO, Ph. D.,** Professor of Physics.
- ALPHONSE MARIN LAMESLÉE, B. ès L., A. M.,** Professor of French.
- WILLIAM PRENTISS BROWN, A. B., M. A.,** Associate Professor of English.
- JAMES EDWARD ROUTH, Ph. D.,** Associate Professor of English.
- MATTHEW THOMPSON MCCLURE, JR., M. A., Ph. D.,** Associate Professor of Philosophy.
- \*CARR THOMAS DOWELL, A. B., B. S., Ph. D.,** Associate Professor of Chemistry.
- ROBERT LEONVAL MENUET, B. E.,** Assistant Professor of Mathematics.

\*Resigned

- ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of Classical Languages.
- HAL WALTERS MOSELEY, M. Sc., M. A., Assistant Professor of Chemistry.
- JOHN SMITH KENDALL, A. M., Assistant Professor of Spanish.
- LOUIS ALOIS MIKESKA, Ph. D., Assistant Professor of Chemistry.
- WILLIAM PENDLETON EMILE LEHDE, B. E., Instructor in Physics.
- WILLIAM ALVIN LOVE, M. D., Medical Officer of the University.
- CARL ANDREWS HANSON, Physical Director.
- CAPTAIN DAVID HUGHES, Military Instructor.
- ANNA ESTELLE MANY, A. M., Assistant in Mathematics.
- GARVIN DENNIS SHALLENBERGER, A. B., B. S., Assistant in Chemistry.
- ERNEST OSCAR BECKER, A. M., Assistant in German and Latin.
- HOWARD TUCKER BOND, Assistant in Physics.
- HORACE SIDNEY CHENET, JR., Assistant in French.
- EUGENE NICHOLAS EHRHART, Assistant in Chemistry.
- EDWIN ALVIN GASTROCK, Assistant in Physics.
- EDWARD DAVIS McCUTCHON, Assistant in English.
- JOHN RICHARD MOORE, Assistant in English.

### COMMITTEES

#### FOR COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY

**Committee on Admission and Advanced Standing:** Professors Bechtel, Anderson, Menuet, Dinwiddie.

**Committee on Affiliated Schools:** Professors Bechtel, Dinwiddie, Brown, Cocks.

**Committee on Curriculum:** Professors Dinwiddie, Anderson, Ransmeier, Bechtel, Creighton, Routh, White, Clo, Robert.

**Committee on Courses for Teachers:** Professors Lyon, Dinwiddie, Bechtel, White, Dixon, Tew, Fletcher.

**Committee on Heat, Light and Power Plant:** Professors Anderson, Gregory, Clo, A. J. Goldberg.

**Committee on Petitions (for Arts and Sciences):** Professors White, Riedel, Kendall.

**Committee on Petitions (for Technology):** Professors Derickson, Robert, Clo.

**Committee on Students' Affairs:** Professors Dinwiddie, Bechtel, Creighton, Anderson, Moseley.

### REGISTRATION

Registration days, for 1918-1919, are, for new students, Monday, September 23; for old students, Tuesday, September 24. For students registering during the week following the regular registration days, a special fee of two dollars is charged. After that the late registration fee will be four dollars. For the second term there will be two registration days, Thursday, January 30 and Friday, January 31. Each student upon registration will obtain an admit eard, which must be presented to the instructor in charge of each class in which the student is enrolled and must be signed by the instructor. When the card has been signed by all of the instructors, it is to be returned to the Registrar's office.

---

### REQUIREMENTS FOR ADMISSION

(See page 44)

---

### METHODS OF ADMISSION

Applicants for admission should report to the Dean at least one day before the time set for the entrance examinations, or for registration, in order that they may be properly instructed.

#### I. AS REGULAR STUDENTS

1. **By Examination.** Students desiring to enter the Freshman Class by examination, will be required to pass examinations in the necessary number of units as outlined under Requirements for Admission.

2. **By Certificate.** Graduates of certain approved schools are received on certificate. Such certificate should state in detail the studies pursued by the student, the time devoted to each study and the work actually done, with a general recommendation for conduct and studious habits. This certificate will be accepted only in so far as it conforms with the entrance requirements. Students entering from accepted schools must obtain from the Registrar of the University the printed form of certificate required.

#### II. AS SPECIAL STUDENTS

Applicants unable to satisfy the entrance conditions may be admitted as special students provided they are at least twenty-one years of age, and give evidence of ability to do creditable work in specified courses; and are recommended to the faculty by the professor in charge of the department of study in which they desire to



take a large part of their work. Special students may, at the discretion of the Dean, be required to stand the entrance examination in English. Should they prove, after admission, to be unable to profit by the work undertaken or to be neglectful of their work, they will be required to drop back into a lower class or to withdraw.

Such special students are subject to the same regulations in regard to number of hours, class-room work, and examinations as students in the regular courses.

A special student must successfully complete at least one-half of the work undertaken each term. Otherwise he shall be dropped for deficiency and may enter again only by passing the entrance examinations or by certificate from an approved school. Special students, entering without examination or certificate, will be required to satisfy all entrance requirements before they may become regular.

---

### **ADVANCED ADMISSION CREDITS**

Students bringing certificates from the proper officers of other colleges of satisfactory grade may be credited, tentatively, at the discretion of the Committee on Advanced Standing, with the work actually done elsewhere. Such credits shall become final only after the student shall have completed satisfactorily an approved number of courses in this college. Such students must obtain from the Registrar of the University the printed form of certificate required.

---

### **FEES AND EXPENSES**

The annual tuition fee in this College for all students not holding scholarships is \$100.

Each student is required to pay a registration fee of \$15.00, a library fee of \$5, and a gymnasium-athletic fee of \$10; students excused from physical training, through prior credit, or for other reasons, shall not be excused from the payment of the gymnasium fee; and students working in laboratories are charged an annual fee of \$15 for each laboratory used by them. Students taking Chemical or Physical Laboratory must deposit a fee of \$5.00 to cover cost of breakage.

The gymnasium-athletic fee provides the use of the gymnasium, services of the Physical Director, and a season ticket to all major athletic events on the home grounds.

A medical fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with parents or guardians

may, at their option, receive this medical service upon payment of the fee at matriculation.

These fees are payable in advance in two equal installments, one-half at the beginning of each Term, except the Medical attendance fee of \$5, the Library fee of \$5, and the Gymnasium-Athletic fee of \$10, which are paid at the time of registering.

A fee of \$5, to cover expenses of graduation, diploma, etc., is charged to each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement. The amount is refunded should the degree not be conferred.

No deduction of fees is made for absence for less than a month. When the absence exceeds a month and the student has been withdrawn from the college because of continued sickness or other sufficient cause, a proportionate part of the amount paid will be refunded, on proper certificate signed by the Dean. Any application for return of tuition must be made within sixty days after the withdrawal of the student.

Students furnish their own books, drawing instruments, and drawing materials. They are required to pay the cost of apparatus which they may break or damage in the laboratories; they must also make good any other damage which they may cause to the University property.

Students may reside in the Dormitories, at prices varying from nineteen to twenty dollars per month, not including lunch, or obtain board and lodging at from \$22.50 to \$30 per month in boarding houses or private families at convenient distance from the University buildings.

The necessary expenses of a student are moderate; the spacious dormitories and the dining hall on the University grounds make possible comfortable, dignified living at a minimum cost.

The necessary expenses for a session are :

	MINI- MUM	MODER- ATE
Tuition fee.....	\$100.00	\$100.00
Registration fee.....	15.00	15.00
Library fee.....	5.00	5.00
Gymnasium-Athletic fee.....	10.00	10.00
Board and lodging, including heat and lights.....	160.00	200.00
Laundry.....	15.00	15.00
Books and stationery.....	20.00	25.00
Laboratory fees.....	15.00	30.00
Medical Attendance fee.....	5.00	5.00
Total.....	\$345.00	\$405.00

Students holding scholarships or free tuition will deduct \$100.00 from the above total.

### AMOUNT OF WORK

Freshmen and Sophomores will not be allowed to take more than the published number of hours each year of the regularly scheduled courses, and Juniors and Seniors will not be permitted to take more than eighteen hours each year, for credit, and that only by permission of the Faculty. Seniors will not be permitted to elect, for credit, any Freshman work. Laboratory periods of two hours count as one hour.

A baccalaureate degree will not be granted unless the candidate has spent the equivalent of one year in residence, and has completed at least fifteen hours of work in this College.

---

### ATTENDANCE

Attendance must be regular and prompt.

Absences are to be excused only by the instructor in charge. Frequent absences without excuse will render the student liable to suspension or dismissal.

Students who are to be absent from the University in athletic, forensic, or other contests must obtain from the President or Dean leave of absence in advance.

---

### EXAMINATIONS AND GRADES

At the end of each term an examination is held in each study pursued by the student. Seventy per cent is required on each examination for passing, and the examination mark, with the marks for the daily work, determine a student's grade for the term. The general average of these marks in each subject must be at least seventy per cent. These grades fix the status of the student for the term in his several studies and are sent to parents.

In addition to these term reports, monthly reports of Freshmen and Sophomores, and half-term reports of all students, are sent to parents. On these reports, students are graded as follows: *A*, from 100 to 95 per cent; *B*, from 94 to 90; *C*, from 89 to 80; *D*, from 79 to 70; *E*, below 70 per cent, deficient; *I*, incomplete, indicating that some minor part of the work has been omitted, and is a condition until the deficiency is made up; *Absent*, meaning that a grade cannot be assigned because of absence from class work or examination.

part of the work has been omitted, and is a condition until the deficiency is made up; *Absent*, meaning that a grade cannot be assigned because of absence from class work or examination.

### REMOVAL OF CONDITIONS

1) **Entrance Conditions:** Students admitted to partial standing in the Freshman class may remove their entrance conditions

a) by passing entrance examinations in the additional subjects necessary, provided such examinations are passed within one year after admission to the University

b) by equivalent credits received from the Summer School.

2. *Entrance conditions must be removed before the opening of the second college year. No student will be permitted to register for any subject of his second year until his entrance conditions are removed.*

3. Students entering from other colleges will not be admitted to advanced standing in any class until all entrance conditions have been removed.

4. **College Conditions:** A student whose term grade in any subject lies between 70 and 60 per cent. shall have two re-examinations and no more. These examinations will be set at the beginning and end of the First Term and at the end of the Second Term.

5. A student whose term grade in any subject lies between 59 and 40 per cent shall have one re-examination and no more at the beginning of the next session.

6. A student failing in both re-examinations in the first case or in the one re-examination in the second case will take the subject over and reduce the number of hours in the regular course in proportion.

7. A student whose term grade in any subject lies below 40 per cent will not be entitled to a re-examination, but will be required to take the subject over and reduce the number of hours in the regular course in proportion.

8. *The summer vacation should be devoted to work preparatory to condition examinations, as deficient students will not be permitted to carry extra work during term time.*

9. A Freshman having five or more term conditions at the end of First Term will be required to withdraw from the college.

10. A student of a higher class having five or more term conditions at the end of the first term will be required to drop back at once to the next lower class, and will not be permitted to take any additional work in the higher class.

11. Seniors and students taking Senior subjects fail subject the first term will have two opportunities for the condition. The first re-examination will take place weeks after the beginning of the second term and the second take place at the close of the second term. Seniors fail subject of the second term will have one re-examination and

12. No condition examination will be given Seniors after urday before Commencement.

13. A Senior who fails to pass for graduation with his c have the privilege of standing his examinations at the openi next session, and, if successful, will receive his degree.

14. Conditioned students absent from the regular conditionation must present an excuse satisfactory to the professor of the subject or receive a zero for the examination. When a has been accepted a special examination will be held for wh of two dollars will be charged, payable to the Bursar. T for such an examination must be arranged by the student professor in charge, and before taking the examination the must obtain a permit from the Dean and the Registrar's office permit must be presented to the professor holding the examin

15. Any student having six term conditions at the be the session will be required to take the class over in all subje

16. No student with more than two term conditions may mitted to register as a member of the next higher class, but considered a member of the same class as the year before, u number of his unremoved conditions shall not exceed two.

17. Under this rule the student who takes work in the next class and has three conditions will be required to omit one sub the regular course.

18. A student who has more than three and less than six tions will be required to omit two subjects in the regular course

19. The subjects to be omitted shall be specified by the Dear

20. The passing mark or grade for a condition examination be 80 per cent.

21. Conditions, whether due to failure, to incomplete work absence, must be made up within a year from the date the s was started, or the subject repeated in class.

---

### PROBATION

When a student is placed on probation by action of the facul shall mean that either his scholastic standing or his general con

Senior subjects in  
opportunities for the  
n will take place  
second term and the  
term. Seniors in  
re-examination in  
given Seniors in

duration with his  
ations at the open  
ve his degree.

he regular confer  
r to the profes  
mination. When

ill be held for the  
the Bursar. To  
by the student  
examination the

Registrar's office  
ding the examina  
tions at the begi  
over in all subje  
conditions may

gher class, but in  
year before, the  
exceed two.

ork in the next  
to omit one subje

l less than six  
regular course  
ed by the Dean  
n examination

complete work or  
ie date the stu

of the faculty  
general condi

or both, are such as to render him liable to dismissal, unless he makes an earnest effort and shows decided improvement within the period of his probation. The student should recognize that being on probation is but little short of dismissal from the college. A student on probation shall be debarred from participation in student activities during his period of probation.

Students having more than two conditions, students taking less than three subjects, students who are on probation, and students who are delinquent in payment of tuition or other fees, are not eligible as class officers, as editors or sub-editors of college publications (except students in Journalism), as officers of any literary or debating club, or as members of an athletic team to represent a class, college, or the University.

### COLLEGE ORGANIZATION

The College of Technology offers broad courses of professional training in the fundamental principles underlying the various branches of Engineering and Architecture. The formulation of these courses is the outgrowth of the best thought of Educators and the Engineering profession and of our own experience during the last two decades.

The technical studies in the *College of Technology* are contained in four divisions called *Schools*. The Schools are divided into *Departments*. A department includes subjects, or groups of subjects, which are similar in nature. The Schools are:

Mechanical and Electrical Engineering.

Civil Engineering.

Chemical Engineering.

Architecture and Architectural Engineering.

No candidate for a degree is allowed to restrict himself to the narrow training which might be imparted by any one School. Work in the technical Departments of one of the above Schools is made the backbone or principal part of a four years' course and supplemental work is required in other Schools in the College of Technology and in the College of Arts and Sciences.

On the successful completion of a four years' course one of the following degrees is granted depending upon the course followed:

Bachelor of Engineering in the Mechanical and Electrical Engineering Course.

Bachelor of Engineering in the Civil Engineering Course.

Bachelor of Engineering in the Chemical Engineering Course.

Bachelor of Engineering in the Architectural Engineering Course.

Bachelor of Architecture.

## GENERAL COURSES

Required of Engineering Students as Indicated.

### CHEMISTRY

ASSISTANT PROFESSOR MOSELEY

MR. SHALLENBERGER

MR. EHRHART

*Richardson Chemistry Building.*

#### **Chem. 11, 12. General Chemistry.**

Lectures, demonstrations, and recitations, involving general principles, laws of chemical combination, and a description of the elements and their important compounds.

McPherson and Henderson, *A Course in General Chemistry*; Hale, *Calculations of General Chemistry*.

Three hours a week. All Engineering Freshmen.

MESSRS. MOSELEY, SHALLENBERGER, AND EHRHART

#### **Chem. L11. General Chemistry Laboratory.**

Introductory practice for the purpose of familiarizing students with the appliances, methods of manipulation, and processes of the laboratory.

Alex Smith, *Experimental Inorganic Chemistry*.

Two periods a week. All Engineering Freshmen. First term.

MESSRS. MOSELEY, SHALLENBERGER, AND EHRHART

#### **Chem. L12. Elementary Qualitative Analysis.**

Baskerville and Curtman, *Qualitative Analysis*.

Two periods a week. Second term. All Engineering Freshmen.

Courses L-11 and L-12 are required of all taking courses 11 and 12.

MESSRS. MOSELEY, SHALLENBERGER, AND EHRHART

### ENGLISH

PROFESSOR SHARP

ASSOCIATE PROFESSOR BROWN

ASSOCIATE PROFESSOR ROUTH

*Gibson Hall, Room 39*

*Gibson Hall, Room 24*

#### **English 11 and 12. Composition and Rhetoric.**

The purpose of this course is to awaken and cultivate the creative power, and, by the study of selected literature and frequent practice in writing to instil a taste for good reading and to develop an accurate and effective power of expression.

Recitations; daily themes on assigned subjects, popular and literary, corrected and discussed. Fortnightly compositions, descriptive, narrative, expository, argumentative, corrected and criticized.

All Freshmen. Two hours a week. (The class is divided into two sections).

MR. BROWN

**American Literature:** Its history and relation to national life and society. Assigned readings.

Assigned readings in English and American literature, and in classical mythology in so far as it bears upon that literature.

All Freshmen. One hour a week. (Two sections.) MR. BROWN

**English 21 and 22. Argumentation, Public Speaking, and Essay Writing.**

The writing of briefs, speeches, lectures, and essays, with a study of standard models, and practice in delivering lectures.

Two hours a week. All Engineering Sophomores. MR. ROUTH

**English 32. Advanced Oral Composition.**

Advanced practice in writing and delivering lectures.

Three hours a week. Second term. Juniors in Civil Engineering.

**English 41. English Drama.**

Selected plays of the Elizabethan period, including two or more of Shakespeare's plays, will be studied. Frequent reports and essays will be discussed and criticized.

Three hours a week. First term. Architectural Seniors.

MR. BROWN

**English 42. Chaucer.**

The study will be mainly literary, but attention will be paid to language, grammar, and metre, and to Chaucer's relation to his time.

Three hours a week. Second term. Architectural seniors.

MR. BROWN

## MATHEMATICS

PROFESSOR DINWIDDIE

ASSISTANT PROFESSOR MENUET

MR. ———

*Gibson Hall, Rooms 19 and 23*

**Math. 11. Algebra.**

Infinite series, undetermined coefficients with application to infinite series and partial fractions, permutations and combinations, probability, logarithms, the elements of determinants, and theory of equations.

Hawkes, *Higher Algebra*.

Five hours a week. First term, two months. All Freshmen.

MESSRS. MENUET AND ———



**Math. 12. Spherical Trigonometry.**

The solution of right and oblique triangles, and the derivation of the necessary formulæ.

Second term. Required of Civil Engineering Freshmen; elective for other Freshmen.

MR. MENUET

**Math. 13. Plane Trigonometry.**

Theory and application of the trigonometric functions, with special attention to their periodic and related properties.

Palmer and Leigh, *Plane Trigonometry*.

Five hours a week. First term, two months. All Freshmen.

MESSRS. MENUET AND ———

**Math. 14. Analytic Geometry.**

A brief introductory course in plane analytic geometry.

Smith and Gale, *Elements of Analytic Geometry*.

Five hours a week. Second term. All Freshmen.

MESSRS. MENUET AND ———

**Math. 21. Analytic Geometry.**

Elements of solid analytic geometry.

Smith and Gale, *Elements of Analytic Geometry*; Charles Smith, *Conic Sections*.

Five hours a week. First term, one month. All Sophomores.

MR. DINWIDDIE

**Math. 22, 24. Differential and Integral Calculus.**

The fundamental principles of the differential and integral calculus with special application to geometry and mechanics.

Granville, *Elements of Differential and Integral Calculus*.

Five hours a week. Three months of first term, and second term. All Sophomores.

MR. DINWIDDIE

**Math. 35, 36. Differential Equations.**

The elements of differential equations with application to geometrical and physical problems.

Murray, *Differential Equations*.

Three hours a week. Elective.

MR. DINWIDDIE

**Math. 41, 42. Theory of Equations.**

Burnside and Panton, *Theory of Equations*.

Three hours a week. Elective.

MR. DINWIDDIE

**MILITARY TRAINING**

CAPTAIN DAVID HUGHES

*Gymnasium*

The course in military training is for the purpose of meeting the requirements of General Order No. 49, War Department of the United States, of September 20, 1916, which provides for the establishment of Reserve Officers Training Corps in Universities.

The training is compulsory on all students. The course is practical as well as theoretical, and will conform to present or future regulations that the Secretary of War may issue.

---

**PHYSICAL TRAINING**

MR. HANSON

**Object :***Gymnasium*

Physical Training teaches self-reliance and self-discipline, which lead to well developed will power. The ideal which we endeavor to have each student reach, is a pride in physical fitness which makes him anxious to render a good account of whatever is entrusted to his care, whether it be a human body or a business.

**Physical Examinations :**

A physical examination of each freshman is made on entering the Physical Training course and an anthropometric chart is given him showing his physical condition, not only in regard to muscular development, but also whether he is physically deficient or properly proportioned to his height. A record is kept of the measurements and of such physical defects, as spinal curvatures, round shoulders, flat feet, goitre, if one shoulder is low, or if one leg is short, etc. All such diseases as valvular disease of the heart, skin diseases, etc., are referred to specialists for free treatment. Many physical defects and diseases are found in unsuspecting students who may be given proper exercise, medical treatment, or advice as the individual case may need.

At the end of the school year, a second physical examination and anthropometric chart is made of each student and the results of the year's work is ascertained. Every student entering the university is required to complete a full year's work in Physical Training, unless excused by the dean for valid reasons.

**Kind of Exercise Given :**

The classes are given light building up and conditioning work in free hand calisthenics, short runs, dumb-bells, Indian clubs, wands and

chest machines, preliminary to wrestling tournaments, acrobatic and pyramid work. These exercises alternate with hand-ball, basket-ball, and gymnasium games, to relieve the monotony of the harder work of muscle building and developing physical efficiency.

#### **Gymnasium Equipment:**

The gymnasium is equipped with horizontal bars, parallel bars, rings, chest machines, punching bags, horse, dumb-bells, wands, Indian clubs, showers, hand-ball, basket-ball, base-ball, and volley ball courts, wrestling mats, jumping standards, etc., and has over 300 lockers. Every student in the university is allowed to use the gymnasium until he graduates. A large number of them take advantage of the physical training course throughout their entire school life.

#### **Results :**

Each student who systematically keeps up the work during the school year should increase 15 or 20 per cent. at least in development units, and gain from 10 to 15 pounds in weight, provided he follows instructions in regard to bad habits, dissipation, etc.

#### **Medical Treatment :**

Students paying the medical fee should report when ill in person or send word to the medical officer who has an office in the dormitory for medical students.

---

### **PHYSICS**

PROFESSOR CLO

MR. SHALLENBERGER

MR. GASTROCK

MR. BOND

#### *Physics Building*

#### **Physics 21. General Physics.**

A general course covering the divisions of mechanics and heat. The work includes a study of motion, forces, composition and resolution of vectors, work, energy, machines, hydrostatics, hydraulics, buoyancy of liquids and gases, mechanical equivalent of heat, thermometry, expansion, calorimetry, thermodynamic relations, heat engines. Drill in the solution of concrete problems forms a large part of the work.

Primarily for Scientific and Engineering Sophomores, but open to all students who (1) have completed Mathematics 11, 12 and 14, and who (2) are either taking Mathematics 21, 22.

Lectures and recitations, three hours per week. First term. All Engineering and Architecture Sophomores.

#### **Physics L21. General Laboratory Work.**

A laboratory course to accompany Physics 21. The experiments are performed, calculations made and reports submitted in the labora-

tory. At regular intervals discussions, recitations and written tests are held.

The work includes the fundamental measurements of length, time, and mass, with a study of velocity, acceleration, moments of forces, elasticity, momentum, moments of inertia, study of liquids and gases, latent heats, radiation constants, hygrometry.

Open to students who are taking or who have completed Physics 21.

Two periods per week. First term. All Engineering and Architecture Sophomores.

### **Physics 22. General Physics.**

A continuation of Physics 21 to include Electricity, Sound and Light. A study is made of magnetism, static electricity, electric currents, electro-magnetism, dynamos and motors, the telegraph, the telephone, applications of electricity in electrolysis and electric lighting, electrical instruments, electric waves, X rays, radioactivity, wave motion, nature of sound, refraction, interference and polarization of light, optical instruments.

Open to those who have completed Physics 21 and L 21.

Three hours per week. Second term. All Engineering and Architecture Sophomores.

### **Physics L22. General Laboratory Physics.**

A continuation of Physics L 21 to accompany Physics 22. Laboratory exercises include measurement of electric current, voltage and resistance, magnetic measurements, efficiency of dynamos, efficiency of electric batteries, calibration of electrical instruments, study of capacities, velocity of sound, resonance in sound, interference in sound, study of optical instruments, measurement of intensity of light, efficiency of lamps, interference of light, polarization of light.

Two periods per week. Second term. All Engineering and Architecture Sophomores.

Open to those who are taking or have completed Physics 21, and L 21.

### **Physics 31. Electricity and Magnetism.**

An intermediate course in theory of electricity and magnetism to supplement the work on electricity and magnetism in Physics 22. The same subjects are taken up by more analytical methods and the theory of ordinary electrical instruments is thoroughly studied. A drill in the general applications of electricity is given by means of many problems and exercises.

Three hours per week. First term. All Engineering Juniors.

Open to those who have completed Mathematics 21, 22, and Physics 22 and L 22 or their equivalent.

**Physics L31. Electrical Measurements.**

A course in electrical measurements to extend the work in electricity of Physics L 22. Accurate measurements of resistance, current, electromotive force, capacity and inductance are made. Instruments are tested and calibrated and a study is made of some of the newer phases of electricity, such as resonance in electrical oscillations, electric waves and radioactivity.

Open to all who take Physics 31, or who have completed it.

Two periods per week. First term. All Engineering Juniors.

# SCHOOL OF MECHANICAL AND ELECTRICAL ENGINEERING

## GENERAL STATEMENT

The School of Mechanical and Electrical Engineering prepares students to deal intelligently with problems in the design, construction and management of steam, hydraulic, gas and electric machinery and in the production and distribution of power. In the shops, laboratories and drafting rooms the students are trained in precision of management, of observation and of calculation. The spirit of the course is against vagueness or fogginess of observation, calculation or execution. It therefore gives an excellent training not only for those who become engineers, but also for those who do not intend to follow engineering as a profession.

## MECHANICAL-ELECTRICAL ENGINEERING COURSE.

* Symbol				Term	
				I	II
Chem.	11	12	General Chemistry.....	3	3
Chem.	L 11	L 12	Gen. Chem. Lab. Qual. Anal.	2	2
D & D	L 11	L 12	Mechanical Drawing.....	3	3
English	11	12	Comp. and Rhetoric, Am. Lt.	3	3
Math.	11		Algebra.....	5	5
Math.	13	14	Plane Trig., Anal. Geometry }		
M A	11	12	Technical Instruction .....	1	1
M A	L 11	L 12	Carpentry & Pattern Making,		
			Foundry .....	2	2
Phy. T	L 11	L 12	Physical and Military Train'g	3	3
				22	22
<b>SOPHOMORE YEAR</b>					
Chem.		22	Technology of Materials.....		2
D & D	21		Descriptive Geometry .....	2	
D & D	L 21		Descriptive Geom. Drawing...	2	
English	21	22	Argumentat. Public Speak'g	2	2
Math.	21	22	Anal. Geom. Diff. Calculus.. }	5	5
Math.		24	Integral Calculus .....		
M A	{ 21 or 22 }		Technical Instruction .....	1	1
	{ 23 or 24 }				
M A	{ L 21 or L 22 }		Forging and Tool Making }	3	3
	{ L 23 or L 24 }		Machine Tool Work .....		
Physics	21	22	Mechanics and Heat .....	3	3
Physics	L 21	L 22	Electricity, Sound, Light .....	2	2
S		L 24	Elementary Surveying .....		2
				20	20

**JUNIOR YEAR**

D & D	3 <sup>I</sup>	3 <sup>2</sup>	Kinematics.....	2	I
D & D	L 3 <sup>I</sup>	L 3 <sup>2</sup>	Kinematic Drawing.....	2	1
D & D		L 3 <sup>4</sup>	Machine Design.....		2
E E		3 <sup>4</sup>	Elements Elect. Eng'g.....		4
H E	L 3 <sup>I</sup>		Experimental Engineering.....	2	
H E		3 <sup>2</sup>	Element. Thermodynamics.....		3
M & M	3 <sup>I</sup>	3 <sup>2</sup>	Mech. of Mats. & Graphics.....	4	3
M & M		L 3 <sup>2</sup>	Testing Materials.....		2
M & M	33		Analytical Mechanics.....	3	
M A		3 <sup>2</sup>	Metallography.....		I
M A		L 3 <sup>2</sup>	Metallography Laboratory.....		2
Physics	3 <sup>I</sup>		Electricity and Magnetism.....	3	
Physics	L 3 <sup>I</sup>		Electricity & Magn. Lab.....	2	
				18	19

**SENIOR YEAR**

				Term	
				I	II
D & D	L 4 <sup>I</sup>	L 4 <sup>2</sup>	Steam Engine & Boiler Design.....	2	2
D & D		L 4 <sup>6</sup>	Power House Design.....		3
E E	4 <sup>I</sup>	4 <sup>2</sup>	Electrical Engineering.....	3	3
E E	L 4 <sup>I</sup>	L 4 <sup>2</sup>	Electrical Laboratory.....	3	3
H E	4 <sup>I</sup>	4 <sup>2</sup>	Experimental Engineering.....	1	1
H E	L 4 <sup>I</sup>	L 4 <sup>2</sup>	Experimental Engineering.....	1.5	1.5
H E	43		Steam Engines, Turbines.....	3	
H E	45		Steam Boilers.....	2	
H E		48	Gas Engines.....		3
Hy E	4 <sup>I</sup>		Hydraulics.....	4	
			Elective.....		3
				19.5	19.5

\*The Symbol consists in a contraction of the name of the department (in which the subject occurs) and a number made up of two or more digits, preceded by the letter L, in the case of a laboratory or drafting-room subject.

The first digit indicates the grade of work:

- 1—Freshman grade.
- 2—Sophomore grade.
- 3—Junior grade.
- 4—Senior grade.

The remaining digit or digits differentiate subjects in the same department and also indicate the term. If the last digit is odd the first term is indicated, and if even the second term is indicated.

Thus, H E L4<sup>I</sup>, L4<sup>2</sup> indicates a laboratory subject in the Heat Engineering Department, of the Senior grade, in the first and second terms. It is described on page 146 and is given a credit of 1.5 academic hours.

## DEPARTMENTS

### DRAWING AND DESIGN (D & D)

PROFESSOR CREIGHTON

PROFESSOR GREGORY

PROFESSOR ANDERSON

PROFESSOR DERICKSON

PROFESSOR ROBERT

SUB. ASST. PROFESSOR LEHDE

*Stanley Thomas Hall and Engineering Building.*

#### **D and D L11, L12. Mechanical Drawing.**

This course extends through both terms. It is intended for those who have had no previous experience in drafting.

The object of the course is to afford training, by instruction and practice, which will enable the student to make a neat, well-lettered tracing from a previously prepared working drawing, made in pencil to scale, of some form of engineering construction.

The student is required to provide himself with drafting instruments and other essential equipment.

*French, Engineering Drawing.*

Three periods a week. Both terms. All Engineering Freshmen except Architecture.

MR. DERICKSON

#### **D and D 21. } Descriptive Geometry. D and D 22. }**

Recitations. Two hours a week. First term; Sophomores in Mechanical and Electrical Engineering. Second term; Sophomores in Civil and Architectural Engineering and in Architecture.

MR. ROBERT.

#### **D and D L21. } Descriptive Geometry Drawing. D and D L22. }**

Solution of problems on the drawing board.

Blessing and Darling, *Descriptive Geometry*.

Two periods a week. First term; Sophomores in Mechanical and Electrical Engineering. Second term; Sophomores in Civil and Architectural Engineering and in Architecture.

MR. LEHDE

The drawing rooms for the Freshmen and Sophomore Classes are provided with drawing tables. The rooms are of ample size and remarkably well lighted with overhead skylights and side windows.



**D and D 31, 32.** } **Kinematics.**  
**D and D L31, L32.** }

This course includes the study of the action of the various combinations of the elements of machines (without regard to their strength) by the construction of velocity and acceleration diagrams, centrodes, etc. The principles governing the communication of motion through gear and pin wheels, belts, cams and linkwork are studied and applied graphically to the solution of problems.

Angus, *Kinematics of Machinery*.

Two hours and two periods a week, first term; one hour and one period, second term, Juniors in Mechanical and Electrical Engineering. Two hours, first term, Juniors in Civil Engineering.

MR. LEHDE

**D and D L34. Machine Design.**

A course dealing with the fundamentals of machine design. This includes the proper proportioning of machine elements to withstand the stresses impressed, design of bearings, provision for lubrication, fastening details, complete assemblies, etc. A thorough knowledge of Course M and M 31, is essential.

Benjamin & Hoffman, *Machine Design*.

Kent, *Mechanical Engineer's Pocket Book*.

Two periods a week. Second term. Juniors in Mechanical and Electrical and Chemical Engineering.

MR. LEHDE

**D and D L41, L42. Steam Engine and Boiler Design.**

Design of a High Speed Engine—Calculation and design of the various members. Design of valves and links. Effect of inertia stresses, etc. Design of the cylinders and valve mechanism of a compound Corliss engine to deliver a given horse-power at a given water rate per horse-power-hour. Design of water or fire tubular boilers.

Creighton, *Steam Engines and other Motors*.

Kent, Seaton, *Periodicals*.

Peabody and Miller, Parsons, Shock, Professor's notes, etc.

Two periods a week. Seniors in Mechanical and Electrical Engineering.

MR. LEHDE

Two periods a week. Second Term. Seniors in Mechanical and Electrical Engineering.

MR. CREIGHTON

**D and D L44. Evaporative Machinery Design.**

(See School of Chemical Engineering page 166.)

**D and D L46. Laying Out a Power House.**

The main dimensions of the various units are calculated and the space occupied by them is found from the makers' catalogs or other

sources of information; the arrangement of the units for efficient operation is discussed. Plans are drawn.

Morris, *Piping of Steam Power Houses*. Gebhardt, Foster, Creighton.

Three periods a week. Second term. Seniors in Mechanical and Electrical Engineering. MR. CREIGHTON

## **ELECTRICAL ENGINEERING (E. E.)**

PROFESSOR ANDERSON

*Stanley Thomas Hall*

### **GENERAL STATEMENT**

Electrical Engineering and Mechanical Engineering are two branches of the profession so intimately connected in modern practice that it has been deemed wise by the Faculty of the College of Technology to recognize this fact in the arrangement of courses. To this end the two subjects are combined in a single course, designated the Mechanical and Electrical Engineering Course. Opportunity is given, however, to the student who desires to specialize in either direction by means of electives in the Senior year.

This course has been amply justified by the success with which our graduates have met in the practice of their profession.

Instruction in the fundamental principles of Electricity is left almost entirely to the Department of Physics, the whole of the student's time in this department being given to the study of the application of principles to engineering problems.

### **EEL 32. Applied Electricity.**

This is a short descriptive course intended for students in engineering courses other than Mechanical and Electrical. Fundamental principles are briefly reviewed and descriptive lectures are given upon the more essential types of machines and apparatus. The Civil Engineer, the Chemical Engineer, and the Architect, all have need at times of a knowledge of electrical appliances, and this course is designed to help meet that need.

One period per week is devoted to laboratory work in which the student has occasion to set up and operate the more common types of generators and motors, to make efficiency tests, to calibrate watt-hour meters, to inspect and test out wire installations, and to do other work of like character which will serve to give him a working knowledge of the applications of electricity in his special line of work.

Visits of inspection are made to various electrical plants in the city Gray, *Principles and Practice of Electrical Engineering*.

Two hours and one laboratory period per week. Second term Juniors in Civil, Chemical and Architectural Engineering.

**E E 34. Elements of Electrical Engineering.**

This forms a general introduction to the study of Electrical Engineering. A thorough review is given of the fundamental principles of both direct and alternating currents with reference to their practical application to engineering problems. The essential principles of the design and construction of modern dynamo-electric machinery, including generators, motors, auxiliary apparatus, switch-boards, etc. both D. C. and A. C., are studied with the view of giving the student a practical acquaintance with the apparatus, a more detailed study of which will be taken up later on in the course.

The work is carried on by means of lectures, recitations and the solution of assigned problems.

Gray, *Principles and Practice of Electrical Engineering*.

Four hours a week. Second term. Juniors in Mechanical and Electrical Engineering.

**E E 41. Direct Current Machinery.**

This course goes more intimately into the details of design and construction of electrical machinery and appliances, and takes up certain more advanced problems which were not touched upon in the introductory course.

Three hours a week. First term. Seniors in Mechanical and Electrical Engineering.

**E E L41. Electrical Engineering Laboratory.**

Measurements of resistance, calibration of instruments, tests of magnetic materials, operating characteristics of D. C. generators and motors, efficiency tests, regulation and heat tests.

Karapetoff, *Experimental Electrical Engineering, Vol. I*.

Three periods a week. First term. Seniors in Mechanical and Electrical Engineering.

**E E 42. Alternating Current Machinery.**

Lectures, recitations and problems on synchronous generators and motors, transformers, rotary converters, induction motors, single-phase commutator motors, and auxiliary apparatus.

Christie, *Electrical Engineering*.

**E E 42. Power Plants and Transmission Lines.**

Lay-out of machinery and appliances for power plants, construction

of transmission lines, calculation of regulation of long line and similar problems.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering.

**EE 142. Electrical Engineering Laboratory.**

Experimental study of circuits containing resistance, inductance and capacity, determination and analysis of wave forms, operating characteristics of synchronous generators and motors, rotary converters, induction motors, efficiency tests of transformers.

Karapetoff, *Experimental Electrical Engineering*, Vols. I and II.

**EE 142. Electrical Machine Design.**

In order to insure that the student gets a thorough grasp of fundamental principles as applied to details of construction, and also to show the necessary modifications required in practice and based upon experience, he is required to design a modern direct current generator and a transformer, each of commercial size.

Gray, *Electrical Machine Design*, supplemented by other treatises on design, as well as by manufacturers' bulletins and catalogs.

Three periods a week. Second term. Seniors in Mechanical and Electrical Engineering.

**EE 44. Electric Railways, Illumination and Photometry, Wireless Telegraphy, Telephone Engineering.**

The above named subjects are merely suggestive and offer an opportunity to the student who may desire to specialize in some electrical line not taken up in the regular course. The subject to be given in any one year will depend upon the special needs of the student electing the course.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering. Elective.

---

**HEAT ENGINEERING (H. E.)**

PROFESSOR CREIGHTON

PROFESSOR ROBERT

SUB. ASST. PROFESSOR LEHDE

*Stanley Thomas Hall.*

**HE 131. Experimental Engineering.**

Calibration of gages, indicator springs thermometers, planimeters, valve setting of slide valve engines. Getting up steam in steam boilers, starting and stopping engines, operating engines and boilers.

Carpenter and Diederichs, *Experimental Engineering*.

One laboratory period and one lecture a week. First term. All Engineering Juniors.

MESSRS. ROBERT AND LEHDE

**H E 32. Elementary Thermodynamics.**

Discussion of the fundamental laws of thermodynamics; the equation of conditions for air and superheated steam; relations between temperature, volume, pressure, heat and work for changes of state; indicators and indicator cards, valve setting, Bilgram and Zeuner valve diagrams.

Creighton, *The Steam Engine and other Heat Motors*.

Three hours a week. Second term. All Engineering Juniors.

MR. ROBERT

**H E 41, L41. } Experimental Engineering.**  
**H E 42, L42. }**

Valve setting of engine, experimental study of efficiency and economy of steam, gas, and hot air engines, steam turbine, air compressor, boilers, pumps of various types, injector, steam calorimeters, condenser, etc. Viscosity, density, flash point, and coefficient of friction of lubricating oils. Tests of power plants in the city.

Carpenter and Diederichs, *Experimental Engineering*.

One laboratory period of three hours and one lecture a week. Seniors in Mechanical and Electrical Engineering.

MESSRS. ROBERT AND LEHDE

**H E 43. Steam Engines, Turbines, Refrigeration.**

A continuation of H. E. 32. Entropy, superheat, Hirn's analysis; laying-out cards for compound and triple expansion engines and pumps; principles of fly-ball governors, shaft governors; balancing engines; principles of compressed air engines, refrigerating machines; gas engines; calculation of dimension of air pumps, boiler feed pumps, centrifugal pumps, condensers, feed water heaters.

Creighton, *Steam Engines and other Heat Motors*.

Three hours a week. First term. Seniors in Mechanical and Electrical Engineering.

MR. CREIGHTON

**H E 45. Steam Boilers.**

The principles governing the design, construction and maintenance of steam boilers. The formation and influence of scale, its prevention, removal, etc. Laws governing the evolution of heat and its transfer through the heating surface of steam boilers. Smokeless combustion.

Peabody and Miller, *Steam Boilers*. Professor's Notes.

Two hours a week. First term. Seniors in Mechanical and Electrical and Chemical Engineering.

MR. ROBERT

**H. E. 47. Evaporative Machinery.**

(See School of Chemical Engineering, page 166.)

**HE 48. Internal Combustion Engines.**

A study of the theory, construction and operation of internal combustion engines. Gas and gasoline engines of both the four stroke cycle and two stroke cycle are tested in the laboratory of experimental engineering.

Streeter, *Internal Combustion Engines*.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering.

MR. ROBERT

**HE 49. Heating and Ventilation.**

(See School of Architectural Engineering, page 174.)

**MATHEMATICS AND MECHANICS (M. and M.)**

PROFESSOR CREIGHTON

PROFESSOR ROBERT

PROFESSOR ANDERSON

ASSISTANT PROFESSOR MENUET

PROFESSOR DINWIDDIE

SUB. ASST. PROFESSOR LEHDE

*Stanley Thomas Hall*

**Mathematics.** See Math., 11, 13, 14, 21, 22, 24, page 133.

**M and M 31, 32. Mechanics of Materials and Graphics.**

All structures, whether they are partly in motion, as in machinery, or entirely quiescent, as in the case of roofs, bridges, buildings or foundations, are composed of elements that are subjected either to pull, thrust, bending, torsion, or a combination of two of these. The subject deals with the application of the laws governing the design of such elements, so that they may have the proper shape and dimensions to secure sufficient rigidity and strength to perform their required office economically. The Cambria Handbook is used as a text-book and students are required to pick out beams, girders, columns, etc., from its tables; design skeleton steel floors and columns, etc.

Analysis of the stresses in roof and bridge trusses under dead wind loads by the force polygon. Application of the equilibrium polygon to the discussion of beams and girders.

Boyd, *Strength of Materials*; Ketchum, *Mill Building*; Cambria, *Handbook*.

Four times a week first term. Three times a week second term. Juniors in all Engineering and Architectural Courses.

MR. CREIGHTON

**M and M L32. Testing Materials.**

Experimental study of wrought and cast iron, steel and wood in tension, compression and cross-bending; of cement and concrete in tension or compression.

Carpenter & Diederichs, *Experimental Engineering*.

One laboratory period and one lecture hour a week. Second term.

All Engineering Juniors.

MESSRS. ROBERT AND LEHDE

**M and M 33. Analytical Mechanics.**

This course is supplementary to Dynamics given in the Physics Course, and is preparatory to the general engineering courses in the Junior and Senior years. Special emphasis is placed on the practical bearings of fundamental mechanical principles, and these principles are illustrated by the solution of many practical problems.

Three hours a week. First term. All Engineering Juniors.

MR. ANDERSON

---

**MECHANIC ARTS (M. A.)**

PROFESSOR ROBERT

INSTRUCTOR HUSTEDT

*Engineering Building.*

**M A 11. Technical Instruction.**

This course deals (a) with the character of wood-working tools, their care and uses; (b) with a study of woods, tree growth, the manufacture of lumber and of shop processes from the sorting of rough lumber to the finished product. As often as time permits, visits will be made to wood-working factories.

Text-books: Goss, *Bench-work in Wood*; Golden, *Exercises in Wood-turning*.

One hour a week. First Term. All Engineering Freshmen.

MR. HUSTEDT

**M A L11. Carpentry and Wood-Turning.**

The bench-work consists of a series of exercises, calling for the use of the common wood-working hand tools. Advanced work (such as cabinet making) involving the use of machinery, will be given to students whenever possible.

The wood-turning course gives the student familiarity with machinery in motion. It is divided into two distinct phases. In the first the student acquires skill in the use of wood-working tools; in the second, he is given the rudiments of design. Suitable objects in mahogany will be turned and polished.

Text-books: Goss, *Bench-work in Wood*; Golden, *Exercises in Wood-turning*.

Two periods a week. First Term. All Engineering Freshmen.

MR. HUSTEDT

**M A 12. Technical Instruction.**

Pattern-making: Lectures on the correct methods of selecting stock,

of laying out working drawings and in building up patterns and core boxes of all kinds.

Foundry: Lectures on molding, snap work, floor and crane work, operation of a cupola, and on the mixing of metals. Visits to foundries will be made as often as time permits.

Text-book: International Text-books, *Text-book of Elementary Pattern-making and Foundry Practice*.

One hour a week. Second term. All Engineering Freshmen.

MR. HUSTEDT

### **MA L12. Pattern-Making and Foundry Work.**

This course includes instruction and practice in making patterns and core-boxes for various machinery castings, making the cores and the castings in the foundry, and mixing and melting metals in the cupola and crucible furnace.

All work is done from drawings and blue-prints.

Two periods a week. Second Term. All Engineering Freshmen.

MR. HUSTEDT

### **MA 21. } Technical Instruction.**

Lectures on the management of iron in forging, the proper heats for various kinds of work, the correct method of making the different welds, and the several ways of case-hardening, the injurious effects of overheating steel, the proper methods of hardening and tempering the different kinds of steel, and the straightening of hardened tools.

Text-book: Bacon's *Forge Practice*.

One hour a week. First or second term. Sophomores in Mechanical and Electrical Engineering.

### **MA L21. } Forging and Tool-Making.**

This course includes exercises in heating, bending, drawing, up-setting, shaping, twisting, and welding, and in case-hardening, annealing steel, forging, hardening, and tempering tools. All work is done from blue-prints.

Three periods a week. First or Second term. Sophomores in Mechanical and Electrical Engineering.

MR. HUSTEDT

### **MA 23. } Technical Instruction.**

Lectures on the proper speeds of shafting, the proper feeds and speeds for the machining of different metals, the proper shape and use of cutting tools.

Text-book: Leonard, *Machine-Shop Tools and Methods*.

One hour a week. First or second term. Sophomores in Mechanical and Electrical Engineering.

MR. HUSTEDT

### **MA L23. } Machine-Tool Work.**

Exercises in chipping, filing, and scraping, such as facing valves, making face-plates, and fitting parts of machinery; machine work in



turning, facing, boring, planing, drilling, and thread-cutting. All work is done from drawings.

Three periods a week. First or Second term. Sophomores in Mechanical and Electrical Engineering. **MR. HUSTEDT**

### **M A 32, L32 Metallography.**

This course comprises the study of *Ferrus Alloys* by physical and microscopic methods. *Low Carbon Steels, Alloy Steels, Common Crucible Steels* and *Basic Pig Irons* will be studied with reference to their internal structure.

Experiments will be conducted to determine and illustrate the effect of various heat treatments upon these metals. The results obtained will be checked, particularly by comparing the sample used with standard metallurgical specimens. Microphotographs will be taken of the specimens and comparisons made with numerous standard plates of work performed by scientists in this field of research.

The laboratory periods will be utilized in the preparation of specimens for heat treatment, physical tests and the preparation and examination of microsections.

The lectures will deal principally with the methods of manufacture of the various alloys to be investigated and a study of the physical changes which occur during the necessary heat treatments of the manufacturing operations.

One lecture, two laboratory periods. Second term. Juniors in Mechanical and Electrical Engineering. **MR. ROBERT**

## **NAVAL ARCHITECTURE (N A)**

On account of the War the following courses were given in 1917-1918:

### **N A 42. Theoretical Naval Architecture.**

This course dealt with metacentric heights, stability of ships, horsepower to drive ships, rudder areas.

Attwood, *Theoretical Naval Architecture*.

Three hours a week. Second Term. Seniors in Mechanical and Electrical and Civil Engineering. Elective.

### **N A L42. Applied Naval Architecture.**

Exercises in fairing ships, true shape of cant frames, laying off decks and frames of ships.

Watson, *Laying Off*; Holmes, *Practical Ship Construction*.

Three periods a week. Second Term. Seniors in Mechanical and Electrical and Civil Engineering. Elective.

**Chemistry.** See Chem' 11, 12, L11, L12 and 22, pages 132 and 164.

**English.** See English, 11-12, 21-22, page 132.

**Hydraulics.** See Hy E. 41, page 155.

**Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 133.

**Physical and Military Training.** See page 135.

**Physics.** See Physics, 21, 22; L21, L22, 31, L31; page 136.

**Surveying.** See S L24, page 159.

# SCHOOL OF CIVIL ENGINEERING

## GENERAL STATEMENT

The School of Civil Engineering offers courses which are planned with the idea of giving instruction in the fundamental principles necessary for a broad training in the profession of Civil Engineering.

## CIVIL ENGINEERING COURSE

* Symbol		FRESHMAN YEAR		Term	
				I	II
Chem.	11	12	General Chemistry.....	3	3
Chem.	L 11	L 12	Gen'l Chem. Lab. Qual. Analy.	2	2
D & D	L 11	L 12	Mechanical Drawing.....	3	3
English	11	12	Comp. and Rhetoric, Am. Lit.....	3	3
Math.	11	12	Algebra, Spher. Trig. .... }	5	5
Math.	13	14	Plane Trig., Anal. Geom. .... }		
M A	11	12	Technical Instruction .....	1	1
M A	L 11	L 12	Carpentry and Pattern Making, Foundry .....	2	2
Phy. T	L 11	L 12	Physical and Military Training	3	3
				22	22
		SOPHOMORE YEAR		Term	
				I	II
Chem.	21		Technology of Materials.....	2	
D & D		22	Descriptive Geometry.....		2
D & D		L 22	Desc. Geom. Drawing .....		2
D & R	L 27		Intermed. Design & Rendering..	4	
English	21	22	Argumentation, Public Speak'g	2	2
Math.	21	22	Anal. Geom. Diff. Calculus..... }	5	5
Math.		24	Integral Calculus..... }		
Physics	21	22	Mechanics and Heat.....	3	3
Physics	L 21	L 22	Electricity, Sound and Light.....	2	2
S	L 21		Plane Surveying.....	2	
S		L 26	Higher Surveying & Astron'y..		3
				20	19
S		L 20	Vacation Camp Survey. Two weeks in field		

\* For significance of Symbols, see page 140.

**JUNIOR YEAR**

B & S	L 32	Structural Details .....		2
D & D	31	Kinematics .....	2	
English	32	Adv. Oral Composition .....		3
E E	L 32	Applied Electricity .....		3
H E	L 31	Experimental Engineering .....	2	
H E	32	Element. Thermodynamics .....		3
M & M	31	Mech. of Mats. and Graphics .....	4	3
M & M	L 32	Testing Materials .....		2
M & M	33	Analytical Mechanics .....	3	
Physics	31	Electricity and Magnetism .....	3	
Physics	L 31	Electricity and Magn. Lab. ....	2	
R R	L 32	Railroad Surveying .....		3
S	L 31	Topographical Drawing .....	3	
			19	19
R R	L 30	Railroad Vacation Camp Survey. Two Weeks		

**SENIOR YEAR**

B & S	41	Reinforced Concrete Const. ....	1	
B & S	L 41	Reinforced Conc. Const. Design	2	
B & S	43	Masonry Construction .....	1	
B & S	L 43	Masonry Construction Design ..	2	
B & S	45	Stresses in Framed Structures ..	4	
B & S	L 48	Bridge Design .....		5
C L	41	Commercial Law .....	2	2
Hy E	41	Hydraulics .....	4	
Hy E	42	Irrigation and Drainage .....		3
M E	42	Municipal Engineering .....		4
M E	L 46	Engineering Design .....		4
R R	L 41	R. R. Mapping and Earthwork ..	3	
			19	18

## DEPARTMENTS

### BRIDGE AND STRUCTURAL ENGINEERING (B. & S.)

PROFESSOR DERICKSON

*Engineering Building*

#### **B and S L32. Structural Details.**

The application of mechanics to the design of heavy timber framing; plane and table fish-plate joints subject to high tensile stresses; the complete detailed design of a wooden roof truss with bill of material. The object of this course is to teach the economical and scientific designing of wooden structures.

Jacoby, *Structural Details*.

Two periods a week. Second term. Juniors in Civil and Architectural Engineering.

MR. DERICKSON

#### **B and S 41. Reinforced Concrete Construction.**

A study of the fundamental principles underlying the rational design of reinforced concrete construction. At each exercise an example is worked which takes about an hour. The problems are so arranged that they bring out the most important parts of the lesson. The results of tests are gone over and compared with the determinations in accordance with the theory.

For design see Course B. and S. L41 following.

Turneure and Maurer, *Principles of Reinforced Concrete Construction*.

One hour a week. First term. Seniors in Civil and Architectural Engineering.

MR. DERICKSON

#### **B and S L41. Reinforced Concrete Construction.**

This course is required in connection with B. and S. 41. The complete design of a section of a building involving slab, T-beam, rectangular beams, columns and footings, as well as other structural elements. The design of the centering is worked out with care and the effect of the sizes of the available lumber upon the design of the members is duly considered. Detailed drawings of the structure, the centering, and rod sheets, with an estimate of materials is required. The latest and best methods of design are discussed and compared.

Derickson, *Instruction to Designers in Reinforced Concrete*.

Two periods a week. First term. Seniors in Civil Engineering.

MR. DERICKSON

**B and S 43. Masonry Construction.**

The materials used and the theories involved in foundations and masonry construction are covered by recitations, lectures, and reports prepared by the student from assigned references. Foundations, retaining walls, piers, abutments, and the elastic arch are studied as extensively as the time will permit.

For practice in masonry design see B. and S. L43 following. For cement testing, etc., see M. & M. L32.

Baker, *American Civil Engineers' Pocket-book, and Lecture Notes.*

One hour a week. First term. Seniors in Civil Engineering.

MR. DERICKSON

**B and S L43. Masonry Construction Design.**

In this course, the theoretical fundamentals studied in B. and S. 43 are applied to specific problems in the drawing room. A reinforced concrete arch, retaining wall, and dam are worked out in sufficient detail to give a definite understanding of the theory involved. In addition, each student is assigned a problem in design for which detail drawings with an estimate of material and cost are to be prepared.

Baker, *Masonry Construction. Lecture notes.*

Two periods a week. First term. Seniors in Civil and Architectural Engineering.

MR. DERICKSON

**B and S 45. Stresses in Framed Structures.**

The determination of dead loads, live panel loads, loading caused by wheel concentration; dead, live, initial impact, maximum and minimum stresses are taken up in relation to roofs and bridges. A problem taken from actual practice is solved at each recitation. In addition to the recitations each student is required to prepare a report giving the loading and all stresses in an assigned railroad bridge truss. This report is used in Course B. and S. L48, Bridge Design, of the second term. Both graphic and analytical methods involving the use of influence lines are employed, one method being used to check the other.

Kirkham, *Structural Engineering.*

Four periods a week. First term. Seniors in Civil and Architectural Engineering.

MR. DERICKSON

**B and S L48. Bridge Design.**

A complete design is made of the curved top chord, pin connected, railroad bridge begun in Course B. and S. 45. General drawings and

an estimate of weight is required. Particular attention is paid to the modern methods of design.

Kirkham, *Structural Engineering*.

Five periods a week. Second term. Seniors in Civil Engineering.

MR. DERICKSON

---

### COMMERCIAL LAW (C L)

PROFESSOR SCHWARZ.

#### C L 41, 42.

The object of the course in Commercial Law is to expound and illustrate those phases of law which most frequently come home to the engineer. The course is not intended to make lawyers, but in it legal principles will be explained and illustrated so that those entering the engineering profession will be better able to decide matters of legal character. In addition to the knowledge of law itself, which will be of direct and immediate practical value, there should come from the discussion of legal doctrines a stimulated intellectual activity, and a clear and concise method of stating facts and discussing principles that will be generally helpful in business relations, and will be particularly so when the engineer is called upon to consult with his attorney in matters requiring expert opinion. With such objects in view, and with a desire to reach the larger subjects of interest and of value to the engineer, the course will comprehend a discussion of the leading principles of the following subjects: Contracts; Sales; Agency; Negotiable Instruments; Partnerships; Corporations; Carriers; and Bankruptcy.

Incidental topics in other branches of the law, and matters coming under special legislative acts, such, for instance, as the Employer's Liability Act, will be considered and explained.

Wednesday nights, from 8 to 9:45, at the Association of Commerce. Seniors in Civil Engineering and in Architecture.

---

### HYDRAULIC ENGINEERING (Hy. E).

PROFESSOR GREGORY

PROFESSOR ROBERT

*Stanley Thomas Hall and Engineering Building.*

#### Hy. E. 41. Hydraulics.

The course in Hydraulics covers the fundamental theories of Hydrostatics and Hydromechanics. The subject-matter includes the flow of water through orifices, nozzles, weirs, pipes and channels. The fundamental theories of hydraulic motors are investigated. Numerous practical problems are solved by the student.

Merriman, *Hydraulics*.

Four hours a week. First term. Seniors in Civil and Mechanical and Electrical Engineering.

MR. ROBERT

### **Hy. E 42. Irrigation and Drainage.**

This course combines the fundamental principles of Hydraulics with those of Civil and Mechanical Engineering in solving the problems of Irrigation and Drainage.

The meaning and extent of irrigation are investigated in their general application to arid countries. The introduction of irrigation into humid countries is studied and special attention is given to the problem of the irrigation of rice and of other crops grown in this locality. The amount of water required for different crops is discussed, as well as the best methods of applying water.

The problem of drainage is studied in its general application to irrigated lands, as well as in humid countries, and particular attention is given to the local problem of draining the wet prairie lands of Louisiana and the Gulf Coast.

Both irrigation and drainage, as practiced in this section of the country, involve pumping plants capable of handling large volumes of water. The problems of the capacity and type of machinery used in pumping plants, the proper size and section of canals and ditches are taken up in concrete form and the first cost of machinery and of excavating canals investigated, in connection with the cost of maintenance to determine the design that will be most economical when all these factors are considered.

Wilson, *Irrigation Engineering*.

Elliott, *Engineering for Land Drainage*.

Three hours a week. Second term. Seniors in Civil Engineering.

MR. ROBERT

---

## **MUNICIPAL ENGINEERING (M. E).**

PROFESSOR DERICKSON

MR. WILD

*Engineering Building.*

### **M E 42. Municipal Engineering.**

This course is devoted to three subjects: Roads, Streets and Pavements—Sewers and Sewage Disposal—Water Supply.

**Roads, Streets and Pavements:** Recitations and problems relating to their location and construction, with a study of the materials and methods employed.

**Sewers and Sewage Disposal:** The recitations take up the fundamental principles involved in the design of sewers and sewage dis-

posal plants. Computations and plans are made for a sewerage and drainage system for a small town.

**Water Supply:** Recitations and problems taking up the sources of water supply, rainfall, evaporation, flow of streams, and the works for collecting, purifying and conveying water. Each student is assigned certain data from which he must prepare the drawings and make the computations for a water supply and distributing system for a small town.

Lecture Notes: Martin, *Sewers and Drains*; Spaulding, *Roads and Pavements*.

Reference Books: Turneure and Russell, *Public Water Supply*; Polwell, *Sewerage*; Metcalf and Eddy, *American Sewerage Practice*, Vols. I, II and III; Merriman, *Civil Engineers Pocket Book*.

Four hours a week. Second term. Seniors in Civil Engineering.

MR. WILD

#### **ME L46. Engineering Design.**

This course is to test the ability of the student to make an independent design of some engineering structure, such as a reinforced concrete arch, sewage disposal plant, or some such structure, involving the knowledge gained in the courses previously studied. Reports, drawings and estimates are required.

Four periods a week. Second term. Seniors in Civil Engineering.

MR. DERICKSON

### **RAILROAD ENGINEERING (R. R.)**

PROFESSOR DERICKSON

MR. WILD

#### *Engineering Building.*

#### **R R L30. Railroad Vacation Camp Survey.**

Not less than fifteen days are spent at the Camp of Practice near Gurley, East Feliciana Parish, Louisiana, where a rugged topography is available. A reconnaissance and preliminary survey are made and a map plotted from the data obtained. Projected locations are made on this map, a profile and estimate made for each, and a final location staked out in the field and its cross-sections obtained.

Twelve working days at the close of the second term. Juniors in Civil Engineering.

MESSRS DERICKSON and WILD

#### **R R L 32. Railroad Surveying.**

The recitations take up reconnaissance, preliminary and final location surveys. Problems on the circular and spiral curves, turnouts, connecting tracks and crossings, are solved in the class room and staked out in the field. (See also Courses R R L30 and RR L41).



Allen, *Railroad Curves and Earthwork.*

Lavis, *Railroad Location Surveys and Estimates.*

Three periods a week. Second term. Juniors in Civil Engineering.

MR. WILD

### **R R L41. Railroad Mapping and Earthwork.**

A map is made from the data obtained on the Railroad Vacation Camp Survey. Projected locations are made on this map and a profile and estimate made. From the cross-sectioning notes obtained in camp, quantities are computed by different formulas and the Mass Diagram applied in balancing cut and fill. The grades of the street of a town with rugged topography are adjusted and the earthwork computed.

Allen, *Railroad Curves and Earthwork.*

Lavis, *Railroad Location Surveys and Estimates.*

Three periods a week. First term. Seniors in Civil Engineering.

MR. WILD

---

## **SURVEYING (S)**

PROFESSOR DERICKSON

MR. WILD

*Engineering Building.*

### **S L20. Vacation Camp Topographical Survey.**

This work is carried on at the Camp of Practice in the hilly country near Gurley, East Feliciana Parish, Louisiana, and involves the topographical survey of a tract of land several square miles in extent, composed of a various topography embracing a large variety of natural and artificial features. The work is under the direction of a student Chief Engineer, elected from the Junior Class. Special emphasis is placed on the taking of contours and other features not met with in the environs of the University. It is the aim of this course through long working hours to teach the student facility in the manipulation of instruments and instil that confidence which only comes from doing well an actual piece of work under practical conditions and in accordance with exacting requirements.

Twelve working days at the close of second term. Sophomores in Civil Engineering.

MESSRS. DERICKSON and WILD

### **S L21. Plane Surveying.**

The recitations take up the more common instruments used in surveying, such as the compass, level and transit. The theory involved in the measurement of distance, angles, difference of elevation and area. The greater part of the time is devoted to exercises in the field

intended to familiarize the student with the use of instruments and application of theory involving the use of the chain, tape, compass, level and transit as applied to the more elementary problems of plane surveying. A part of the time is devoted to the plotting of these problems on the drawing board. (See also Courses R R L30, S L31 and S L26).

Breed and Hosmer, *Principles and Practice of Surveying*: Vol I.

Reference: Pence and Ketchum, *Surveying Manual*.

Two periods a week. First term. Sophomores in Civil Engineering.

MR. WILD

**S L23. } Elementary Surveying.**  
**S L24. }**

This course is for students who do not intend to take the advanced courses in Surveying offered by the School of Civil Engineering, but desire to familiarize themselves with the use of the engineer's level and transit in the solution of simple problems in Surveying.

Required of all students in the College of Technology except Civil Engineering students.

Pence and Ketchum, *Surveying Manual*.

Two periods a week. First term; Sophomores in Chemical and Architectural Engineering. Second term; Sophomores in Mechanical and Electrical Engineering.

MR. WILD

**S L26. Higher Surveying and Astronomy.**

Instruction is given by means of lecture, recitation, and field practice, in the theory and use of the transit and stadia, plane-table, sextant and other instruments as well as in base line measurement and triangulation relating to the survey of large areas including astronomical observations for latitude, longitude and time. About two-thirds of the time is devoted to exercises in the field.

Breed and Hosmer, *Principles and Practice of Surveying*: Vols. I-II.

Reference: Pence and Ketchum, *Surveying Manual*.

Three periods a week. Second term. Sophomores in Civil Engineering.

MR. WILD

**S L31. Topographical Drawing.**

The time devoted to this course is divided as follows: Lettering, topographical symbols, the plotting of a triangulation system by the method of coördinates, the plotting of the stadia notes with the protractor, the location of contours, the determination of areas and volumes involving the use of the planimeter, the subdivision of land, and the preparation of a topographical map based on notes and data obtained on the Sophomore Vacation Camp Survey.

Breed and Hosmer, *Principles and Practice of Surveying*: Vols. I-II.  
Three periods a week. First term. Juniors in Civil Engineering.

MR. WILD

---

**Chemistry.** See Chem. 11, L11, 12, L12 and 21, pages 132 and 164.

**Design and Rendering.** See D. and R. L27, page 172.

**Drawing and Design.** See D. and D. L11, L12, 22 and L22,  
page 141.

**Electrical Engineering.** See E. E. L32, page 143.

**English.** See English, 11, 12, 21, 22, 32, page 132.

**Heat Engineering.** See H. E. L31, 32, page 145.

**Mathematics.** See Mathematics, 11, 12, 13, 14, 21, 22, 24, page 133.

**Mechanic Arts.** See M. A, 11, 12, L11, L12, page 148.

**Mechanics of Materials and Graphics.** See M & M 31, 32,  
L32, 33, page 147.

**Physical and Military Training.** See page 135.

**Physics.** See Physics, 21, L21, 22, L22, 31, L31, page 136.

# SCHOOL OF CHEMICAL ENGINEERING

## GENERAL STATEMENT

The School of Chemical Engineering offers a four year course leading to the degree of Bachelor of Engineering in the **Chemical Engineering Course**. The purpose of this course is to give the student a fundamental knowledge of chemistry, and also sufficient of the principles of Mechanical and Electrical Engineering that he may be able to deal with the problems of design, construction, operation, and maintenance involved in manufacturing processes based on chemical principles. To this end the course provides a training in Inorganic, Analytical, Theoretical, Organic, and Industrial Chemistry, and such fundamental subjects in Mechanical Engineering as Mechanism and Drawing, Steam Engineering, Applied Mechanics, Machine Design and Construction.

The instruction in Industrial Chemistry includes lecture and laboratory courses, and emphasizes the chemical principles upon which the operation of chemical processes rests. Special attention is given to the methods of conducting the chemical and mechanical operations involved in such processes, thereby stressing the application of Chemistry in manufacturing processes, and giving the student an insight into the problems of Chemical Engineering.

The school also offers courses in graduate study leading to the degree of Chemical Engineer. Such courses are arranged by conferring with the Head of the School and the Deans of the College of Technology and the Faculty of Graduate Studies.

**Sugar Engineering.** On account of the local importance of the *Sugar Industry* special stress is laid upon this branch of Chemical Engineering.

## CHEMICAL ENGINEERING COURSE

*Symbol	FRESHMAN YEAR				Term	
					I	II
Chem.		11	12	General Chemistry .....	3	3
Chem.	L	11	L 12	Gen'l Chem. Lab. Qual. Analy.	2	2
D & D	L	11	L 12	Mechanical Drawing .....	3	3
English		11	12	Comp. and Rhet., Am. Lit. ....	3	3
Math.		11		Algebra .....	5	5
Math.		13	14	Plane Trig., Anal. Geom. .... }		
M A		11	12	Technical Instruction .....	1	1
M A	L	11	L 12	Carpentry and Pattern Making Exercises, Foundry .....	2	2
Phy. T	L	11	L 12	Physical & Military Training	3	3

\*For significance of Symbols see page 140.

22 22

**SOPHOMORE YEAR**

Chem.	23	24	Qual. and Quant. Analy.....	2	2
Chem.	L 23	L 24	Qual. and Quant. Analy.....	3	5
English	21	22	Argumentat. Public Speaki'g	2	2
Math.	21	22	Anal. Geom., Diff. Calculus }	5	5
Math.		24	Integral Calculus.....		
Physics	21	22	Mechanics and Heat .....	3	3
Physics	L 21	L 22	Electricity, Sound and Light	2	2
S	L 23		Elementary Surveying .....	2	
				—	—
				19	19

**JUNIOR YEAR**

Chem.	31	32	Organic Chemistry .....	3	3
Chem.	L 31	L 32	Organic Preparations.....	2	3
Chem.	37	38	Chemical Seminar .....	1	1
D & D		L 34	Machine Design .....		2
E E		L 32	Applied Electricity .....		3
H E	L 31		Experimental Engineering...	2	
H E		32	Element. Thermodynamics..		3
M & M	31	32	Mech. of Mats. & Graphics ...	4	3
M & M		L 32	Testing Materials .....		2
M & M	33		Analytical Mechanics.....	3	
Physics	31		Electricity and Magnetism...	3	
Physics	L 31		Electricity and Magnetism...	2	
				—	—
				20	20

**SENIOR YEAR**

				Term	
				I	II
Chem.	41	42	Industrial Chemistry .....	5	5
Chem.	L 41	L 42	Industrial Chem. Lab.....	5	5
Chem.	43	44	Physical Chemistry.....	3	3
Chem.	47	48	Chemical Seminar.....	1	1
Chem.		L 46	Electro-Chemistry.....		3
D & D		L 44	Evaporative Mach. Design..		3
H E	45		Steam Boilers .....	2	
H E	47		Evaporative Machinery .....	3	
				—	—
				19	20

## DEPARTMENTS

### CHEMISTRY (Chem.)

#### Department of General and Theoretical Chemistry.

ASSISTANT PROFESSOR MOSELEY

MR. SHALLENBERGER

ASSISTANT PROFESSOR MIKESKA

MR. EHRHART

*Richardson Chemistry Building.*

#### Chem. 11, 12. General Chemistry.

Lectures, demonstrations, and recitations, involving general principles, laws of chemical combination, and a description of the elements and their important compounds.

McPherson and Henderson, *A Course in General Chemistry*; Hale, *Calculations of General Chemistry*.

Three hours a week. All Engineering Freshmen.

MESSRS. MOSELEY, SHALLENBERGER AND EHRHART

#### Chem. L11. General Chemistry Laboratory.

Introductory practice for the purpose of familiarizing students with the appliances, methods of manipulation, and processes of the laboratory.

Alex Smith *Experimental Inorganic Chemistry*.

Two periods a week. First term. All Engineering Freshmen.

MESSRS. MOSELEY, SHALLENBERGER AND EHRHART

#### Chem. 31, 32. Organic Chemistry.

Three hours a week. Juniors in Chemical Engineering.

MR. MIKESKA

#### Chem. L31, L32. Organic Preparations and Analysis.

Preparation and study of reactions of typical organic compounds.

Two periods a week. Juniors in Chemical Engineering.

MR. MIKESKA

#### Chem. 43, 44. Physical Chemistry.

A study of the laws of chemical combination; the properties of gases, liquids, solids; solutions; thermo-chemistry; electro-chemistry; chemical dynamics and statics.

Three hours a week. Seniors in Chemical Engineering

MR. MIKESKA

**Department of Analytical Chemistry.**

ASSISTANT PROFESSOR MOSELEY

MR. SHALLENBERGER

MR. EHRHART

*Richardson Chemistry Building.***Chem. L12. Elementary Qualitative Analysis.**W. A. Noyes, *Qualitative Analysis*.

Two periods a week. Second term. All Engineering Freshmen.

MESSRS. MOSELEY, SHALLENBERGER AND EHRHART

**Chem. 23, L23. Qualitative Analysis.**

Continuation of Course L12. In this course a very thorough study is made of the principles underlying the operations of analysis. The laboratory work comprises the analysis of complex mixtures of soluble salts, the preparation of the solution for analysis, analysis of alloys and minerals, use of blowpipe and the spectroscope.

Stieglitz, *Elements of Qualitative Chemical Analysis, Vol. 1.*A. A. Noyes, *Qualitative Chemical Analysis*.

Two hours lecture; three periods laboratory practice. First term.  
Sophomores in Chemical Engineering.

MR. MOSELEY

**Chem. 24 L24. Quantitative Analysis.**

Continuation of the didactic work of Course 23, with special application to methods of quantitative analysis. The work of the laboratory is discussed in detail, and as each new determination is made, a more or less complete survey is taken of the various methods in use for the determination of that substance. Some practice is given in the methods of gas analysis and electro-analysis.

Foulk, *Notes on Quantitative Chemical Analysis; Handbook of Chemistry and Physics*; Professor's Notes, *Calculations of Analytical Chemistry*.

Two hours lecture; five periods laboratory practice. Second term.  
Sophomores in Chemical Engineering.

MR. MOSELEY

**Department of Industrial Chemistry.**

PROFESSOR WILLIAMSON

MR. GANUCHEAU

*Richardson Chemistry Building.*

**Chem. 21. } Technology of Materials.**  
**Chem. 22. }**

A course in the manufacture and properties of materials used in engineering construction and practice.

Two hours a week. First term. Sophomores in Civil Engineering.

Two hours a week. Second term. Sophomores in Mechanical and Electrical Engineering.

MR. WILLIAMSON

**Chem. 37, 38. Chemical Seminar.**

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. Juniors in Chemical Engineering.

MR. WILLIAMSON

**Chem. 41, 42. Industrial Chemistry.**

A course of lectures on the application of chemistry to the arts, supplemented by visits to factories. The course embraces the most important chemical industries, both inorganic and organic. The principles involved in evaporation, distillation, sublimation, filtration, crystallization, calcination, refrigeration, use of fuels, and water purification are thoroughly discussed.

A study is made of the manufacture of acids, alkalies, chlorine, bleaching powder, fertilizers, cements, glass, ceramics, pigments, sulphates, cyanides, alcohols, illuminating gas, coal-tar derivatives, soap, glycerine, sugars, starch, explosives, paper, and other substances of minor importance. A study is also made of the chemistry of textile dyeing, dyestuffs, bleaching, fermentation processes, the tanning of leather, and the refining of oils (mineral, vegetable, and animal).

Noel-Deer, *Cane Sugar*. Thorpe, *Outlines of Industrial Chemistry*.

Five hours a week. Seniors in Chemical Engineering.

MR. WILLIAMSON

**Chem. L41, L42. Industrial Chemistry Laboratory.**

Work in this laboratory consists of lectures and laboratory practice in technical analytical methods and manufacturing on a laboratory scale, supplemented by visits to factories.

Among the subjects studied are the following: Sugar Factory Methods and Products; Fermentation and Fermented Products; Textile Bleaching and Dyeing; Paints; Oils (vegetable, mineral, and animal); Soaps; Water for Sanitary and Technical Purposes; Gas: Fuels (gaseous, liquid, and solid); Iron and Steel; Agricultural Analysis (fertilizers, and soils); Building Materials (clays, limestones, cements, metals, and alloys); Assaying; Tanning.

Five periods a week. Seniors in Chemical Engineering.

Spencer, *Hand-book for Cane-Sugar Manufacturers*. Browne, *Hand-book of Sugar Analysis*. Stillman, *Engineering Chemistry*.

MESSRS. WILLIAMSON AND GANUCHEAU



**Chem. L46. Electro-Chemistry.**

A short study of electrothermal and electrolytic industries. The laboratory exercises include practice in current measurement; the effects of concentration of electrolyte, materials of electrodes, temperature, and current density on electrolytic oxidations and reductions; efficiency of typical electro-chemical operations.

Three periods a week. Second term. Seniors in Chemical Engineering.

MESSRS. WILLIAMSON AND GANUCHEAU

**Chem. 47, 48. Chemical Seminar.**

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. Seniors in Chemical Engineering.

MR. WILLIAMSON

**DRAWING AND DESIGN, (D. & D.)**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**D and D L44. Evaporative Machinery Design.**

This course deals with the design of effects, pans, heaters, bagasse furnaces, and includes the planning and construction of a sugar house to secure the most economical manufacture of its products, as well as convenience in its management. The processes of sugar manufacture and the arrangement of the apparatus and the connections to secure the most efficient results are carefully reviewed. To this end, a complete drawing of a sugar house, showing all the apparatus and connections, is produced.

Three periods a week. Second term. Seniors in Chemical Engineering.

**HEAT ENGINEERING, (H. E.)**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**H E 47. Evaporative Machinery.**

Recitations and lectures on the design of multiple effects, vacuum pans, bagasse burners, air pumps, systems of clarification, filtering, centrifugals, laying-out sugar houses, calculations of sizes of apparatus for 1000-ton house.

Creighton, *Steam Engine*; Abraham-Bayle, *Economy in the Sugar House*.

Three hours a week. First term. Seniors in Chemical Engineering.

**Drawing and Design.** See D. & D. L11, L12, L34, page 172.

**Electrical Engineering.** See E. E. L32, page 143.

**English.** See English, 11, 12, 21, 22, page 132.

**Heat Engineering.** See H. E. L31, 32, 45, page 145.

**Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 133.

**Mechanic Arts.** See M. A. 11, 12; L11, L12, page 148.

**Mechanics of Materials and Graphics.** See M. & M. 31, 32, L32, 33, page 147.

**Physical and Military Training.** See page 135.

**Physics.** See Physics, 21, 22, L21, L22; 31, L31, page 136.

**Surveying.** See S. L23, page 159.

# SCHOOL OF ARCHITECTURE AND ARCHITECTURAL ENGINEERING

## GENERAL STATEMENT

Courses in Architecture and Architectural Engineering were established in the University in 1908, and regular and continuous instruction has been given in both schools. As there has been a growing demand for training in those subjects from the outset, the instructional force has been increased and a rearrangement of the courses of study effected.

These courses, leading to the degrees of Bachelor of Architecture and Bachelor of Engineering, respectively, cover a period of four years. Special students who are not candidates for a degree will be admitted to study under certain restrictions which are elsewhere stated.

### ARCHITECTURAL COURSE

*Symbol	FRESHMAN YEAR				Term	
					I	II
D & R	L 13	L 14	Freehand Drawing .....		2	2
D & R	L 15	L 16	Element. Instrumental Drawing .....		3	3
D & R	L 17	L 18	Architectural Graphics .....		2	2
English	11	12	Comp. and Rhetoric, Am. Lit. ....		3	3
French	11	12	Elementary Course .....		3	3
Math.	11		Algebra .....	}	5	5
Math.	13	14	Plane Trig., Anal. Geom .....			
Th. A.	11	12	El. of Design, Orders of Arch. ....		1	1
Phy. T	L 11	L 12	Physical and Military Training....		3	3
					22	22
SOPHOMORE YEAR						
					Term	
					I	II
A & O	21	22	Anct. & Med. Hist. & Ornament .....		2	2
D & D		22	Descriptive Geometry .....			2
D & D		L 22	Descriptive Geom. Drawing .....			2
D & R	L 21	L 22	Cast Drawing .....		2	2
D & R	L 27	L 28	Intermed. Design and Rendering .....		6	6
English	23	24	English Literature .....		3	3
French	21	22	Intermediate Course .....		3	3
Math.	21	22	Anal. Geom., Diff. Calculus .....	}	5	5
Math.		24	Integral Calculus .....			
Physics	21	22	Mechanics and Heat .....		3	3
Physics	L 21	L 22	Electricity, Sound and Light .....		2	2
					26	30

\*For significance of Symbols see page 140.

# COURSES OF INSTRUCTION

169

## JUNIOR YEAR

A & O	31	32	Med. Ren. & Mod. Hist. & Orn'mt	2	2
D & R	L 31	L 32	Advanced Freehand Drawing.....	2	2
D & R	L 33	L 34	Water Color.....	2	2
D & R	L 35	L 36	Design and Rendering.....	8	8
D & R		L 38	Pen Rendering.....		2
D & R	L 39		Clay Modeling.....	2	
French	31	32	Advanced Course.....	3	3
H A	31	32	History of Painting.....	1	1
M & M	31	32	Mechanics of Materials, Graphics	4	3
Th. A	31	32	Theory and Composition.....	1	1
				25	24

## SENIOR YEAR

C & O P	41	42	Structural Design .....	3	3
C & O P	43	44	Specifications and Bldg. Materials	3	3
C L	41	42	Commercial Law.....	1	1
D & R	L 41	L 42	Life Class .....	2	2
D & R	L 43	L 46	Advanced Design and Thesis.....	10	10
D & R	L 47	L 48	Applied Arts Design.....	2	2
English	41	42	English Drama; Chaucer .....	3	3
H A	41	42	History of Painting .....	1	1
				25	25

## ARCHITECTURAL ENGINEERING COURSE

*Symbol	FRESHMAN YEAR				Term	
					I	II
Chem.	11	12	General Chemistry .....		3	3
Chem.	L 11	L 12	General Chemistry Laboratory ....		2	2
D & R		L 14	Freehand Drawing .....			2
D & R	L 15	L 16	Element. Instrumental Drawing.		3	2
D & R	L 17	L 18	Architectural Graphics .....		2	2
English	11	12	Comp. and Rhetoric, Am. Lit. ....		3	3
Math.	11		Algebra.....	}	5	5
Math.	13	14	Plane Trig., Anal. Geom. ....			
Th. A.	11	12	El. of Design, Orders of Arch.....		1	1
Phy. T	11	12	Physical and Military Training..		3	3
					22	23

## SOPHOMORE YEAR

A & O	21	22	Anct. & Med. Hist. & Ornament	2	2
D & D		22	Descriptive Geometry .....		2
D & D		L 22	Descriptive Geom. Drawing .....		2
D & R	L 27		Intermed. Design and Rendering	3	
English	21	22	Argumentation, Public Speaking	2	2
Math.	21	22	Anal. Geom., Diff. Calculus.....	5	5
Math.		24	Integral Calculus.....		
Physics	21	22	Mechanics and Heat .....	3	3
Physics	L 21	L 22	Electricity, Light and Sound.....	2	2
S	L 23		Elementary Surveying.....	2	
				19	18

\*For the significance of Symbols see page 140.

**JUNIOR YEAR**

A & O	31	32	Med. Ren. & Mod. Hist. & Orn'mt	2	2
B & S		L 32	Structural Details .....		2
D & R	L 35	L 36	Design and Rendering .....	3	3
E E		L 32	Applied Electricity .....		3
H E	L 31		Experimental Engineering .....	2	
H E		32	Element. Thermodynamics .....		3
M & M	31	32	Mech. of Mats. and Graphics .....	4	3
M & M		L 32	Testing Materials .....		2
M & M	33		Analytical Mechanics .....	3	
Physics	31		Electricity and Magnetism .....	3	
Physics	L 31		Electricity and Magnetism Lab .....	2	
Th. A.	31	32	Theory and Composition .....	1	1
				20	19

**SENIOR YEAR**

				Term	
				I	II
B & S	41		Reinforced Concrete .....	1	
B & S	L 41		Reinforced Concrete Design .....	2	
B & S	43		Masonry Construction .....	1	
B & S	L 43		Masonry Construction Design .....	2	
B & S	45		Stresses in Framed Structures .....	4	
B & S		L 48	Bridge Design .....		5
C & O P	43	44	Specifications & Bldg. Materials .....	3	3
D & R	L 43	L 46	Advanced Design and Thesis .....	8	10
H E	49		Heating and Ventilation .....	2	
M E		L 46	Engineering Design .....		4
				18	22

**DEPARTMENTS****CONSTRUCTION AND OFFICE PRACTICE (C & O P)**

ASSISTANT PROFESSOR BEIN

*Stanley Thomas Hall.***C & O P 41, 42. Structural Design.**

Theoretical discussion of the following topics and their practical applications: Foundations, masonry walls and footings, stability and external forces. Properties of structural shapes, tension, shearing, riveted joints, strength of columns in wood, cast iron, and steel, strength and stiffness of beams, built up sections, roof trusses in wood and steel, reinforced concrete, etc. Exercises in structural design are assigned and worked out, and scale drawings made on tracing cloth. The student is familiarized with the use of the various hand-books.

Three hours a week. Seniors in Architecture.

**C & O P 43, 44. Specifications and Building Materials.**

This course, which is mainly of a descriptive nature, supplements the course in Architectural Engineering. It includes the study of the nature of building materials and methods of manufacture, and the methods of applying these materials to the requirements of buildings. In addition, the preparation of quarter-inch scale and full size working drawings is carefully considered; specification writing, legal relations of the parties to a building contract and the various features of office practice are taken up. Such subjects as mason's work, carpenter's work, fireproofing, plumbing, hardware, etc., are considered in detail.

Kidder, *Building Construction and Superintendence, Parts 1 and 2.*  
 Martin, *Details of Building Construction.*

Three hours a week. Seniors in Architecture and Architectural Engineering.

**DRAWING, DESIGN AND RENDERING (D & R)**

ASSISTANT PROFESSOR BEIN  
 PROFESSOR W. WOODWARD

MR. LABOUISSSE  
 MR. GOLDSTEIN

*Stanley Thomas Hall*

**D & R L13, L14. Drawing from the Cast.**

A series of progressive exercises in pencil from casts in line and shade drawings, to impart skill of hand and a knowledge of the best forms in classic, mediæval, and renaissance art.

Two periods a week. Freshmen in Architecture.

Two periods a week. Second term. Freshmen in Architectural Engineering.

MR. W. WOODWARD

**D & R L15, L16. Elementary Instrumental Drawing and Rendering.**

Elementary composition applied to the classic orders by means of line drawings and simple renderings in india ink and color.

Elementary shades and shadows, lettering, etc.

Three periods a week. Freshmen in Architecture.

Three periods a week, first term; two periods a week, second term. Freshmen in Architectural Engineering.

MR. DREYFOUS

**D & R L17, L18. Architectural Graphics.**

Intersections, development of surfaces, advanced shades and shadows and perspective.

Curtis, *Graphics.*

McGoodwin, *Shades and Shadows*.

Two periods a week. Freshmen in Architecture and Architectural Engineering.

MR. BRIN

**D & R L21, L22. Cast Drawing.**

In this class the principles and methods are the same as those in D & R L13, L14. The human head and figure are the special subjects of study.

Two periods a week. Sophomores in Architecture.

MR. W. WOODWARD

**D & R L27, L28. Intermediate Design and Rendering.**

Study of the orders on a large scale by means of carefully composed frontispieces. Rendering of plans and elevations. Simple problems in design and the composition of the more fundamental elements of Roman architecture.

Six periods a week. Sophomores in Architecture.

Three periods a week. First term. Sophomores in Architectural and Civil Engineering. (Special problems given to Civil Engineers).

MESSRS. BRIN AND DREYFOUS

**D & R L31, L32. Advanced Freehand Drawing.**

The study of interior perspective, and landscape in pencil or crayon.

Two periods a week. Juniors in Architecture.

MR. W. WOODWARD

**D & R L33, L34. Water Color.**

The study of color harmony by exercises in painting from still life and landscape, by criticism and by the examination of exhibitions.

Two periods a week. Juniors in Architecture.

MR. W. WOODWARD

**D & R L35, L36. Design and Rendering.**

Twelve hour sketch problems alternating with designs for buildings of a monumental character to which several weeks would be assigned. Formal programs are prepared which test the classified knowledge at the student's command and his ability in research. In the presentation of these designs carefully rendered plans, elevations, and sections are required. These are placed on exhibition and judged by a committee of architects.

Eight periods a week for Juniors in Architecture and three periods a week for Juniors in Architectural Engineering.

MESSRS. BRIN AND LABOUISSÉ

**D & R L38. Pen Rendering.**

A course of weekly criticisms of problems in rendering architectural work in pen and ink.

Two periods a week. Second term. Juniors in Architecture.

MR. BEIN

**D & R L39. Clay Modeling.**

A course of modeling in clay to develop a comprehension of mass and the study of reliefs.

Two periods a week. First term. Juniors in Architecture.

MR. W. WOODWARD

**D & R L41, L42. Life Class.**

Study of the human figure, to develop the sense of proportion and balance, and to increase power in graphic expression.

Two periods a week. Seniors in Architecture.

MR. W. WOODWARD

**D & R L43. Advanced Design.**

Sketch problems, group planning, and the design of a building of an important character in various styles. A continuation and extension of D. & R. L35, L36. The finished drawings are mounted on stretchers and exhibited and judged.

Ten periods a week, first term, for Seniors in Architecture and three periods a week, first term, for Seniors in Architectural Engineering.

MESSRS. BEIN AND LABOUISSÉ

**D & R L46. Thesis.**

Making a complete presentation of a design with several working drawings for an important structure, accompanied by a written monograph.

Ten periods a week. Second term. Seniors in Architecture and Architectural Engineering.

MESSRS. BEIN AND LABOUISSÉ

**D & R L47, L48. Applied Arts Design.**

Designing for the arts of interior decoration, as fresco, mosaic, furniture, hangings, etc., including use of color, historic styles, and human figure.

Two periods a week. Seniors in Architecture.

MR. W. WOODWARD

---

**FRENCH**

PROFESSOR MARIN LAMESLÉE

MR. CHENET

*Gibson Hall, Room 31*

**French, 11 and 12. Elementary Course.** Grammar and Reading.

Section A, Open only to students who have no knowledge of French. Fraser and Squair, *Shorter French Course*; Koren and Chapman's



**French Reader.** Written and oral exercises founded on selected texts. Dictation.

Three hours a week. Freshmen in Architecture,

Section B. For students with a previous knowledge of French who need to make a thorough review of the grammar.

Fraser and Squair, *Shorter French Course*; Koren and Chapman's *French Reader*; Malot, *Sans Famille*. Written and oral exercises founded on selected texts. Dictation.

Three hours a week. Freshmen in Architecture.

MR. CHENET

**French 21 and 22. Intermediate Course:** Grammar, Reading and Composition.

For students who have taken French I or its equivalent. Fraser and Squair, *Shorter French Course* (continued); Mérimée, *Colomba*; Schinz, *Selections from Guy de Maupassant*; Bazin, *les Oberlk*; Daudet, *Contes choisis*; Bazin, *Le Blé qui lève*; Michelet, *Histoire de France* (Buffum). Composition based on selected texts. Dictation.

Three hours a week. Sophomores in Architecture.

MESSRS. LAMESLÉE AND CHENET

**French 31 and 32. Advanced Courses:** Study of Idioms and Composition.

For students who have taken French 1 and 2, or their equivalent. Conducted as far as possible in French. Weekly themes based on some of the following text: Lesage, *Gil Blas*; De Vigny, *Cinq Mars*, Balzac, *Les Chouans*, *Le Curé de Tours*, *Eugénie Grandet*, *Le Père Goriot*; George E. Sand, *La Mare au Diable*, *Francois le Champi*, *Les Maitres Sonneurs*; Hugo, *Les Misérables*, *Quatre-Vingt Treize*, *Les Travailleurs de la Mer*; Zola, *La Débâcle*; France, *Le Crime de Sylvestre Bonnard*, *Monsieur Bergeret*; Loti, *Pêcheur d'Islande*.

Three hours a week. Juniors in Architecture.

MR. LAMESLÉE

## HEAT ENGINEERING (H. E.)

PROFESSOR ROBERT

*Stanley Thomas Hall*

### HE 49. Heating and Ventilation.

Heating and ventilation of residences, schools and large assembly halls. Recitation, lectures and designs.

Hoffman, *Heating and Ventilation*.

Two hours a week. First term. Seniors in Architectural Engineering.

**HISTORY OF ARCHITECTURE AND ORNAMENT  
(A & O)**

ASSISTANT PROFESSOR BEIN

*Stanley Thomas Hall.***A & O 21, 22. History of Ancient and Mediaeval Architecture and Ornament.**

Lectures on prehistoric architecture, architecture of the Egyptians, Assyrians, Chaldeans, Persians, Phœnicians, Greeks and Romans. Early Christian, Byzantine, Saracenic, Moorish, and Romanesque.

A critical survey of the monuments of these periods with their applications to modern architectural design, illustrated by lantern slides, prints and photographs. The student is required to do considerable independent research, and to prepare drawings and sketch designs illustrating his knowledge of the different styles considered.

Simpson, *History of Architectural Development*, Vols. 1 and 2.

Two hours a week. Sophomores in Architecture and Architectural Engineering.

**A & O 31, 32. History of Mediaeval, Renaissance, and Modern Architecture and Ornament.**

A continuation of Course A. & O. 21-22. Lectures on Gothic architecture; the Renaissance in Italy, France, England, Germany, and Spain. Modern architecture and the various revivals. Colonial architecture in the United States. The manner of treating this subject is similar to that described under Course A. & O. 21-22.

Simpson, *History of Architectural Development*, Vols. 2 and 3.

Two hours a week. Juniors in Architecture and Architectural Engineering.

---

**HISTORY OF PAINTING (H. A.)**

PROFESSOR ELLSWORTH WOODWARD

*Stanley Thomas Hall***H A 31, 32. History of Painting.**

This course gives an outline of the history of painting from the early Christian period, through the Italian Renaissance, and includes French and Spanish painting. An abstract illustrated with prints is required.

One hour a week. Juniors in Architecture.

**H A 41, 42. History of Painting.**

An outline of the history of painting in the Netherlands, Germany, England, and America. An abstract illustrated with prints is required.

One hour a week. Seniors in Architecture.

**THEORY OF ARCHITECTURE (Th. A).**

ASSISTANT PROFESSOR BEIN

*Stanley Thomas Hall*

**Th. A. 11, 12 Elements of Design—Orders of Architecture.**

Elements of design, mouldings, the five orders, intercolumniation superposition, vaults, arches, arcades, wall treatment, etc.

Ware, *American Vignola, Parts 1 and 2.*

Lectures, one hour a week. Freshmen in Architecture and Architectural Engineering.

**Th. A 31, 32. Theory and Composition.**

Lectures and criticism—General and technical laws of character in art. Theoretical discussions of decoration and planning. Practical applications to the design of various types of buildings.

One hour a week. Juniors in Architecture and Architectural Engineering.

These lectures are supplemented by individual daily criticisms over the drawing board of the programs assigned for study and presentation in the Department of Drawing and Design. Practicing architects in the city are invited to assist in these criticisms from time to time.

**Bridge and Structural Engineering.** See B. & S. L32, 41, L41, 43, L43, L45, L48, page 153.

**Chemistry.** See Chem. 11, L11, 12, L12, page 132.

**Drawing and Design.** See D. & D. 22, L 22, page 172.

**Electrical Engineering.** See E. E. L32, page 143.

**English.** See English, 11, 12 and 21, 22, page 132.

**Heat Engineering.** See H. E. 32, page 145.

**Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 133.

**Mechanics of Materials and Graphics.** See M. & M. 31, 32, M. & M. L32, 33, page 147.

**Municipal Engineering.** See M. E. L46, page 156.

**Physical and Military Training.** See page 135.

**Physics.** See Physics, 21, L 21, 22, L 22, 31, L 31, page 136.

**Surveying.** See S. L23, page 159.

## **H. SOPHIE NEWCOMB MEMORIAL COLLEGE**

### **FACULTY—1917-1918**

**ROBERT SHARP, A. M., Ph. D.,** President of the University.

**BRANDT VAN BLARCOM DIXON, A. M., LL. D.,** President of Newcomb College and Professor of Philosophy.

**ELLSWORTH WOODWARD,** Director of School of Art, Professor of Drawing, Painting, and Design.

**GERTRUDE ROBERTS SMITH,** Professor of Water-Color Painting and Decoration of Textiles.

**MARY LEAL HARKNESS, Ph. D.,** Professor of Latin.

**CLARA GREGORY BAER,** Professor of Physical Education.

**FREDERICK WESPY, Ph. D.,** Professor of German.

**MARY CASS SPENCER, M. Sc.,** Professor of Mathematics.

**MARY GIVEN SHEERER,** Assistant Director of Pottery, Professor of Pottery and China Decoration.

**JAMES ADAIR LYON, A. M.,** Professor of Physics.

**WILLIAM WOODWARD,** Professor of Drawing and Painting.

**PIERCE BUTLER, Ph. D.,** Professor of English.

**SUSAN DINSMORE TEW, Ph. D.,** Professor of Greek.

**ANN HERO NORTHRUP, A. M.,** Professor of Chemistry.

**LEON RYDER MAXWELL, A. M.,** Director of School of Music, Professor of Voice and Composition.

**CHEVALIER GIUSEPPE FERRATA, Mus. Doc.,** Professor of Piano and Composition.

**JOHN MADISON FLETCHER, Ph. D.,** Professor of Experimental and Clinical Psychology.

**HARRIET AMELIA BOYER,** Professor of Domestic Science.

**LILLIAN SHELLEY,** Professor of Domestic Art.

**HEINRICH HERMAN MAURER, Ph. D.,** Professor of History.

**DANIEL BELL LEARY, A. M.,** Professor of Education.

**IMOGEN STONE, A. M.,** Associate Professor of English.

**AMELIE ROMAN,** Assistant Professor of Drawing and Design.

**CAROLINE FRANCIS RICHARDSON, A. M.,** Assistant Professor of English.

**LOTA LEE TROY,** Assistant Professor of Art.

§Services terminated February 1, 1918.

†Resigned.

ADELIN FLAM SPENCER, A. M., Assistant Professor of Chemistry and Geology.

\*HOWARD RUSSELL HUSE, Ph. B., Assistant Professor of French.  
DAGNY SUNNE, Ph. D., Assistant Professor of Psychology.

IRENE AGNES McCULLOCH, Ph. D., Assistant Professor of Biology.

MARY WILLIAMS BUTLER, Instructor in Drawing and Design.

FELIPE FERNANDEZ, A. B., Instructor in Spanish.

ALICE WEDDELL, Instructor in Piano.

HENRY DRUEDING, Instructor in Organ.

\*LYDIA ELIZABETH FROTSCHER, A. M., Instructor in German.

ELEANOR ELMIRE REAMES, Ph. D., Instructor in Physics.

WALTER LOUIS GOLDSTEIN, A. B., Instructor in Harmony and Piano.

OTTO FINCK, Instructor in Violincello.

ANITA GONZALES ROESCHNEIDER, Instructor in Piano.

ERNEST EMILE SCHUYTEN, Instructor in Violin.

†PAULINE WRIGHT, Instructor in Drawing.

ELEANOR McMAIN, Lecturer in Economics and Sociology.

ESTHER FINLAY HARVEY, A. B., and Instructor in Library Work, and Librarian.

LILLIAN FLORENCE PARKER, Instructor in Public School Music.

VIRGINIA REESE WITHERS, A. B., Instructor in French.

ANNIE MIRIAM WOOD, Instructor in Domestic Science.

HAZEL ELIZABETH FIELD, M. S., Instructor in Biology.

MAUDE VIRGINIA WESTBROOK, Instructor in Voice.

LILLIE RICHARDSON, A. M., Instructor in History.

JULIE FROTSCHER KOCH, A. M., Acting Instructor in German.

ELIZABETH MAY McFETRIDGE, A. M., Assistant in English.

JULIA MAY BREAZEALE, B. Mus., Assistant Instructor in Violin.

PORTIA PEARCE RANDOLPH, B. A., Assistant in Domestic Art.

VIOLA MURPHY ALLEE, A. M., Assistant in Mathematics.

LYDA LIVERMORE BELDEN, A. B., Assistant in Physical Training.

†HAZEL HERBERT BEARD, A. B., Teaching Fellow in Psychology.

THEODORA DUVAL SUMNER, A. B., Teaching Fellow in English.

RIETTA GLASSELL GARLAND, A. B., Teaching Fellow in Physics.

GYFFORD KNIGHT HAINES, A. B., Teaching Fellow in History.

MARY ISABEL LUND, A. B., Teaching Fellow in Latin,

\* Absent on leave.

† Resigned.

HERMINE ELISABETH UJFFY, A. B., Teaching Fellow in Chemistry.

MARY CLAYTON SUMNER, A. B., Teaching Fellow in Psychology.

KATHARINE KOPMAN, Supervisor of Art Practice.

ISABELLA STIRLING SNODGRASS, A. B., Supervisor of Musical Practice.

---

### COMMITTEES OF THE FACULTY

The President is *ex-officio* member of all committees.

**Committee on Admission and Advanced Standing:** Professors Lyon and Tew.

**Committee on Library** Professors Butler, Lyon, Smith, Tew, Harvey, Wespy.

**Committee on Course of Study and Electives:** Professors Butler, M. C. Spencer, Lyon, Harkness, Northrup, E. Woodward.

**Committee on Student Entertainment:** Professors Lyon, Northrup.

**Committee on Book Store.** Professors Lyon, Butler, Tew.

**Committee on Athletics:** Professors Baer, Frotscher.

**Committee on Publications:** Professors Richardson, Butler.

---

### THE COLLEGE

The H. Sophie Newcomb Memorial College was founded in 1886 by Mrs. Josephine Louise Newcomb, as a memorial to her daughter, and is devoted to the higher education of young women.

In perpetuating the memory of an only child, Mrs. Newcomb enabled the Tulane Administrators to round out the ideal of a university by the creation of an institution that would give to women all the educational advantages which had before been offered only to men.

---

### REQUIREMENTS FOR ADMISSION

(See page 44).

---

### GENERAL INFORMATION

---

#### SESSION

The College will open September 26, 1918, and regular work will begin immediately. Session will close June 4, 1919.

*Any student registering later than the date set for registration (September 23 and 24) will be charged an additional fee of one dollar.*

Students whose daily work has not been satisfactory will, therefore, need a higher mark in examinations to secure promotion.

2. A student whose general average for the term in any subject falls between 55 and 70 per cent is conditioned in that subject. A student whose grade falls below 55 per cent in any subject will be considered as having failed, and will be required to take the subject over in class, or to take the work under an approved instructor and pass an examination given by the college.

3. A student conditioned in any subject shall have two re-examinations and no more. If unsuccessful in these she shall be considered as having failed. A student who has failed shall not be eligible for re-examination, except as stated above. To pass in an examination for removing conditions or failures, the student must make an average of 75.

4. A student failing in both re-examinations will take the subject over and reduce the number of hours in the course of study in proportion.

5. Examinations to remove conditions acquired at the mid-year examinations will be held (1) in the following April or May, (2) in the following September, at the time of the regular entrance examinations. Examinations to remove conditions acquired at the final examination period will be held (1) in the following September, (2) in the following December or January. In spring and winter these examinations will be held on Saturdays.

6. Due notice of examinations to remove conditions will be given on the bulletin board; and students must take advantage of the earliest opportunity to remove their conditions. *The summer vacation should be devoted to work preparatory to condition examinations, as deficient students will not be permitted to carry extra work during term time.*

7. A condition in a half year of any subject will count as one condition; for example, a student failing to pass in any subject at the mid-year and at the final examinations will have two conditions.

8. A Freshman having four or more conditions at the end of the first term will be required to withdraw from the College when formally notified by the Committee on Advanced Standing.

9. Any Freshman whose work is not satisfactory within the first month after entrance may then be required to pass an examination upon her preparation, at the discretion of the instructor.

10. A student whose class work is distinctly below grade and unsatisfactory, may be excluded from any class by the faculty upon recommendation of the instructor.

11. A student conditioned in any subject will not be allowed to proceed to a more advanced class in that subject until the condition is removed; except that a student conditioned at the half-year examinations may proceed with the class, and take the condition examination in April or May; if she fails in this she may take the examination in September. A student conditioned at the final examinations will take the examination in September, and in case of failure, again in December or January.

12. A student of a higher class having five or more conditions at the end of the first term, will be required to drop back at once to the next lower class, and will not be permitted to take any additional work in the higher class.

13. Seniors failing in any subject the first term will have two opportunities for removing the condition. The first re-examination will be held within a month after the beginning of the second term; the second re-examination, at the close of the second term. Seniors failing in any subject in the second term will have one re-examination and no more.

14. No condition examination will be given Seniors after the Saturday before Commencement.

15. A Senior who fails to pass for graduation with her class, shall have the privilege of standing her examination at the opening of the next session, and, if successful, will receive her degree at that time.

16. A student having two conditions may still register as a regular student with her class. A student having more than two conditions will be registered in a lower class until her conditions are reduced to two.

17. A student who has three conditions, will be required to omit one subject in the regular course. A student who has more than three and less than six conditions, will be required to omit two subjects in the regular course. The subjects to be omitted will be specified by the Chairman of the Committee on Course of Study.

18. *A student having six conditions at the beginning of the session will be required to take the class over in all subjects.*

19. Conditions, whether due to failure in work, or to absence, must be made up within a year or the subject repeated in class.

20. A student absent from any examination, for any cause, will be counted as conditioned.



	College	School of Art	School of House- hold Econ- omy	School of Music
<b>Registration Fee</b> ½ .....	.....	.....	.....	\$10.00
<b>Student Fee</b> ½ .....	.....	.....	.....	5.00
<b>Tuition—per term:</b>				
1 hour course .....	.....	.....	.....	8.00
2 hour course .....	.....	.....	.....	15.00
3 hour course .....	.....	.....	.....	20.00
1 subject .....	20.00	20.00	20.00	.....
2 subjects .....	35.00	30.00	35.00	.....
3 subjects .....	45.00	35.00	45.00	.....
Full course leading to di- ploma or degree .....	.....	.....	.....	55.00
Mechanical Bookbinding .....	.....	15.00	.....	.....
<b>Regular students, Major or Minor Instrument, 2 lessons a week, 34 les- sons to a term—</b>				
Piano .....	.....	.....	.....	{ 27.00, 40.00 53.00, 65.00
Voice .....	.....	.....	.....	40.00, 65.00
Organ .....	.....	.....	.....	40.00
Violin .....	.....	.....	.....	27.00, 40.00
Violoncello or other Orchestral Instrument .....	.....	.....	.....	32.00
<b>Minor Instrument, 1 les- son a week, 17 lessons to a term—</b>				
Piano .....	.....	.....	.....	{ 14.00, 21.00 27.00, 33.00
Voice .....	.....	.....	.....	21.00, 33.00
Organ .....	.....	.....	.....	21.00
Violin .....	.....	.....	.....	14.00, 21.00
Violoncello, etc. ....	.....	.....	.....	17.00
<b>Special students, 2 les- sons a week, 34 lessons to a term—</b>				
Piano .....	.....	.....	.....	{ 33.00, 50.00 67.00, 80.00
Voice .....	.....	.....	.....	50.00, 80.00
Organ .....	.....	.....	.....	50.00
Violin .....	.....	.....	.....	33.00, 50.00
Violoncello, etc. ....	.....	.....	.....	40.00

	College	School of Art	School of House- hold Econ- omy	School of Music
<b>1 lesson a week, 17 les- sons to a term —</b>				
Piano.....				{ 17.00, 25.50 34.00, 42.50
Voice.....				25.50, 42.50
Organ .....				25.50
Violin .....				17.00, 25.50
Violoncello, etc.....				20.00
Pianoforte Sight Playing....				10.00
Song Repertoire and In- terpretation.....				10.00
Ensemble (except chorus) .....				8.00
Recital Class.....				2.50
Single Recital.....				.25
Use of Organ, 1 hour daily .....				8.00
Use of Piano, 1 hour daily..				6.00
Each additional hour.....				5.00
<b>Laboratory fees:</b>				
Domestic Science Supplies..	3.00†	3.00†	8.00	3.00†
Domestic Science Supplies Homemakers' Course.....			5.00	
Studio Fee, Art.....	1.50†	1.50	1.50	
Experimental Pottery.....		1.50†		
China Painting.....		1.00†		
Figure Drawing.....		1.50†		
Methods Fee, Art.....		1.00†		
Metal Work Fee.....	1.00†	1.00†		
Bookbinding Fee.....	2.00†	2.00†		
<b>Board, per term .....</b>				125.00
<b>Infirmary Fee, per term....</b>	5.00	5.00	5.00	5.00
<b>Incidental Fee ‡ .....</b>	10.00	10.00	10.00	10.00

‡ Payable once a year on entering. Students taking less than three studies will be charged five dollars registration fee and no student fee.

Students taking practical music only will be exempt from registration and contingent fees.

† Payable only if these courses are taken.

‡ Payable only by students using metal work studio outside class hours.

### NEWCOMB COLLEGE

The purpose of the College is to foster the intellectual life in any way that may seem to be most helpful and promising for the maintenance of a high standard of culture and social usefulness. Instruction is offered first, therefore, in what are commonly called arts and sciences; and a course of instruction in these subjects, leading to the degree of Bachelor of Arts, represents the first and most general purpose of Newcomb College. But the College should meet the needs of the community, if possible, by more careful preparation for the specific demands of modern life; it should in as many ways as possible endeavor to equip young women for effective service to society.

Therefore, it has added to the academic instruction, which is the central part of its work, special instruction in schools devoted to the training of students for particular vocations.

#### Degrees, Diplomas, Certificates

The regular course of the College, covering four years, when satisfactorily completed leads to the degree of Bachelor of Arts.

A course of four years in studies specially grouped for the needs of those wishing training as teachers, leads to the degree of Bachelor of Arts in Education.

The regular course of the School of Art, four years, leads to a Diploma in Art. In addition, the School of Art offers diplomas for teachers of art, upon completion of a course covering two years, and special certificates for proficiency in other courses.

The regular course of the School of Music, four years, leads to the degree of Bachelor of Music. In addition, the School of Music offers diplomas similar to those of the School of Art.

The School of Household Economy offers diplomas similar to those of the School of Art.

*Attention is especially called to the following regulation:* Applicants for diploma or certificate, or students who have taken only a partial course, and are desirous of making up their deficiency and receiving a degree or diploma in a regular course, are required to give notice in writing, through the Registrar of the College, not later than the beginning of the second term of the year in which the certificate or diploma is to be conferred. The application will be referred to the Committee on Advanced Standing, who will report to the faculty.

#### COLLEGE COURSES

The courses of study extend over four years and lead to the degree of Bachelor of Arts. The minimum requirement is five subjects per

year (exclusive of physical training) of not less than three hours each. The election of a subject rated at more than three hours shall not reduce the number of subjects required. The course leading to this degree, therefore, requires that the candidate show from  $62\frac{1}{2}$  to  $66\frac{1}{2}$  "hours," according to subjects elected. Every student is required to devote two hours a week in each year to physical education, and satisfactory completion of the course is essential to good standing.

A college subject in which there is one recitation a week through the college year is the unit for estimating "hours;" such a subject is rated at one "hour;" and a college subject in which there are three recitations a week through the year will count as three hours. In the tabulated statement of the course of study below, and in the description of courses on later pages, the credit allowed each subject is indicated.

Every candidate for the degree must satisfactorily complete courses allowing not less than six hours in English, three in Mathematics, three in History, three in Philosophy, eight in Science, nine in Foreign Language, and one-half hour in library work. The particular courses required in these subjects are indicated below.

The course of study in the first two years permits of a limited election as between certain subjects; in the last two years a wider election is permitted.

All students must confer with a member of the faculty in the election of their studies. Freshmen will confer with the Chairman of the Committee on Course of Study; other students will confer with the instructor in charge of their major study; and all courses of study must be submitted by the student for the approval of the Committee on Course of Study. No Freshman subject may be elected in the Senior year. A student who begins a language in college, must continue it for two years; and no student will be allowed to elect for college credit in the same year more than one foreign language in which she has no preparation. No student will be regarded as properly registered for any subject unless her course has been approved by the Committee.

Special rules for the guidance of students in electing their courses may be found in the *General Rules of the College*, of which a copy will be furnished to each student. For description of courses see *Courses of Instruction*, page 201.

#### **Elective Courses of the Junior and Senior Years**

In the Junior year the student will select a major subject in which she will take courses amounting to not less than six nor more than

twelve hours during the Junior and Senior years. With the advice of the instructor in her major, she will select a minor subject of not less than three hours, which may be taken in either Junior or Senior year.

Major subjects with their related minors are indicated in the following groups:

I. Latin, Greek, French or German as major, with another language, or with History, or with English as minor.

II. History as major, with Economics, Sociology, English or a language as minor.

III. Psychology as major, with Economics, Mathematics, Physics, Chemistry or Biology as minor.

IV. English as major, with History, Latin, Greek, French or German as minor.

V. Mathematics as major, with Physics, Chemistry, Astronomy, Geology, Economics, Psychology, Greek or Latin as minor.

VI. Physics or Chemistry as major, with another science, Mathematics or Psychology as minor.

VII. Biology as major, with another science, Mathematics, Psychology or Art (drawing) as a minor.

VIII. Music as major (courses in theory, see directions under *School of Music*) with Mathematics, History, English or language as minor.

### Courses of Study by Classes

FRESHMAN REQUIRED		HOURS	SOPHOMORE REQUIRED		HOURS
English A1	(1)	3	English B5		3
Latin	one major and one minor (2)	3	Minor Language (2)		3
Greek			History (4)		3
French			Physics B C2	} (5)	5
German		Chemistry B C3			
Mathematics		3	Biology B C2-3		
History (4)	} (3) elect one	3	Major Language	}	3
Chemistry A B1			Mathematics		
Physics A B1			or		
Biology A B1			Science		
Library, 1/2 year		1/2			
JUNIOR REQUIRED		HOURS	SENIOR REQUIRED		HOURS
Major Subject		3	Major Subject		3
Philosophy C1		3	Minor Subject (6)		3
Electives		9	Electives		9

(1) A student showing deficiency in her class work in any Freshman study will be required to take an additional hour of class work, at the direction of the instructor, until her work is satisfactory.

(2) Those who elect a beginning language must continue it through the Sophomore year. A student may in the Sophomore or in the Junior year substitute another subject for the language offered as major for entrance. A student may in the Junior year substitute another subject for the language offered as minor for entrance. That is, the student must show hours not less than three in the major, not less than six in the minor language. A student who has satisfied the requirement of nine hours in languages may substitute a suitable elective at any time.

(3) A student offering one unit for entrance in either Physics or Chemistry will elect the science not offered; a student offering one unit in each, may elect either subject in the group, Biology or History.

(4) Students who offer Ancient History for entrance will elect English History A3-4, those who offer English History will elect Ancient History, A1 or A2. A student may, with the consent of the instructor, elect in the Freshman year a course in History to satisfy the requirement in History; in this case, she may in the Sophomore year, elect a course in Mathematics continuing the work of the Freshman year, or a course in applied science, or a course in History other than the one specified.

(5) All candidates for the B. A. degree must elect one subject from this group. They must, in addition, elect at least one other course in Science (3 hours), which may be either the A B1 Physics, Chemistry, or Biology, or a course in these or other sciences taken in the Sophomore, Junior, or Senior year.

(6) The minor subject may be taken in either Junior or Senior year,

---

### **COURSES LEADING TO THE DEGREE OF BACHELOR OF ARTS IN EDUCATION**

Courses in Education are offered in which certain required studies in Psychology and Education are taken in connection with groups of Electives chosen from the special branches in which the student desires to fit herself for teaching. A diploma is awarded for a full two year course; and the diploma in such cases will show the particular subjects in which the student has specialized. A full four year course leads to the degree of Bachelor of Arts in Education. The requirements in this course, as in the Bachelor of Arts course, are stated in "hours," one hour being allowed for successful completion of a course in which there is one recitation a week, three hours for a course in which there are three recitations a week through the college year.

The value of each study, expressed in hours, is given in the tables below, and under *Courses of Instruction*. The number of hours necessary to secure the diploma or the degree will, of course, vary somewhat with the electives chosen. All courses must be approved by the Committee on Course of Study.

All candidates for the diploma or the degree must satisfy the requirements in physical training, two hours a week in each year.

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
English A1	3	History of Education B1	2
Library A1	$\frac{1}{2}$	Introductory and Genetic	
Physical Training		Psychology B1-2	3
Electives (see below)		Physical Training	
		Electives (see below).	

At the satisfactory completion of the Sophomore year a diploma will be given, indicating the course pursued; or the student may continue her work for two more years, as outlined below, with the aim of securing the degree of B. A. in Education.

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
English	3	Principles of Education CD2	3
French, German or Spanish	3	Elementary or Secondary	
Mathematics, History or		Education	2
Economics	3	French, German or Spanish	3
Physical Training		Physical Training	
Electives (see below).		Electives (see below).	

Students pursuing the course given above may elect the subjects in which they wish special preparation as teachers, and for their guidance the courses to be pursued are outlined below. The student may pursue her work in: (1) Academic Subjects, (2) Art, (3) Music, (4) Household Economy, (5) Art and Music, (6) Physical Training.

#### **Students Electing Academic Subjects.**

A student electing academic subjects will consult the Committee on Course of Study for determination of the details of her course. She will require four courses, allowing three hours each, in the Freshman year, and three in the Sophomore year, or vice versa; and she will be required to elect her studies in the first two years according to one of the following plans:

(a) At least two courses (six hours) in the language offered for entrance; if two languages have been offered, she may continue either the major or the minor language.

(b) At least one course (three hours) in Mathematics, and one additional course (five hours) in Physics, Chemistry, or Biology.

No course will be regarded as properly registered unless approved by the Committee.

To secure the certificate at the end of two years the student must show a minimum of  $29\frac{1}{2}$  hours ( $33\frac{1}{2}$  if her elections have included two laboratory science courses rated at 5 hours each),  $8\frac{1}{2}$  of which are in the required studies above, the remainder being elective. For

graduation with the degree, she must show 32 additional hours, 17 of which are in the required studies above, the remainder being elective.

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies	3½	Required Studies	5
Electives (1)	12	Electives	9
JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies	9	Required Studies	8
Electives	6	Electives	9

(1) The student may take three electives, allowing 9 hours, in the Freshman year, making up the remainder of 12 hours in the Sophomore year; or she may make 12 hours in the Freshman year, leaving 9 for the Sophomore.

### STUDENTS OF ART WILL TAKE\*

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 192)	3½	Required Studies (see p. 192)	5
Cast Drawing A S 5 .....	2	Cast Drawing B S 5 .....	2
Freehand Perspective A S 4..	2	Freehand Perspective B S 4..	2
Water Color A S 6 .....	2	Water Color B C D S 6 .....	1
Design A S 8 .....	2	Design B S 8 .....	2
Mechanical Drawing A S 10..	1	Projection and Mechanical Perspective each ½ yr. BS 10.	1
		English or History .....	3
JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies (see p. 192)	9	Required Studies (see p. 192)	8
Drawing from Life C D S 9..	1	Drawing from Life C D S 9..	1
Education S 28 .....	1	Water Color B C D S 6 .....	1
History of Painting C S 14....	1	Design D S 8 .....	1
Applied Design S 16 or 17 or 22 or 18 or 25 or 23 .....	1	Applied Design S 17 or 16 or 18 or 22 or 25 or 23 .....	1
Water Color B C D S 6 .....	1	History of Painting D S 14..	1
Design C S 8 .....	1	Composition S 11 .....	1
		Education S 29 .....	1
		Aesthetics D 9** .....	1

\* Students electing this course must have had High School Drawing or show by examination satisfactory aptitude for the art elective.

\*\* See courses in Psychology.



**STUDENTS OF MUSIC WILL TAKE**

FRESHMAN YEAR	CREDIT	SOPHOMORE YEAR	CREDIT
English A1.....	3	History of Education B1.....	2
Library A1.....	½	Introductory and Genetic Psychology B1-2.....	3
Physical Training		Physical Training	
Elements of Theory A 1		Advanced Harmony B C 2.....	3
½ year.....	1	Solfeggio, Intermediate B 10	2
Physics A 8 ½ year.....	½	History of Music B S 7.....	2
Elementary Harmony A 12		Methods in Public School	
½ year.....	1½	Music B C D 9.....	3
Solfeggio, Elementary A 3		Recital Class S 28 (2).....	½
(2).....	2½	Chorus S 27 (2).....	½
Appreciation of Music A S 8	2	Practical Music, extra (1) 1 or 2	
Observation of Classes in Public Schools A 29; Descriptive Themes.....	1	SENIOR YEAR	CREDIT
Recital Class S 28 (2).....	½	Principles of Education CD 2	3
Chorus S 27 (2).....	½	Elementary or Secondary Education.....	2
Practical Music, extra (1) 1 or 2		French, German or Spanish	3
JUNIOR YEAR	CREDIT	Physical Training	
English.....	3	Instrumentation and Conducting D 14.....	2
French, German or Spanish.....	3	Analysis D 15.....	1
Mathematics, History or Economics.....	3	Methods in Public School	
Physical Training		Music, Advanced D 16.....	1
Counterpoint C D 4.....	3	Recital Class S 28 (2).....	½
Solfeggio, Advanced C 13.....	1	Chorus S 27 (2).....	½
Recital Class S 28 (2).....	½	Thesis.....	1
Chorus S 27 (2).....	½	Practical Music, extra (1) 1 or 2	
Practical Music, extra (1) 1 or 2			

**NOTES.**

(1) Voice and piano recommended, but other instruments may be chosen. Attention is called, however, to graduation requirement of ability to sing and play the piano acceptably. Fees according to teacher chosen at rate for regular students.

(2) No outside preparation required.

**STUDENTS OF HOUSEHOLD ECONOMY WILL TAKE: (1)**

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 192)	3½	Required Studies (see p. 59)...	5
Chemistry A 2.....	3	Art B 2.....	2
Art A 2.....	2	Domestic Science B 2.....	3
Domestic Science A 1.....	3	Domestic Art B 2.....	3
Domestic Art A 1.....	3	Domestic Science Teaching, B 3.....	1
		Domestic Art Teaching, B 3	1
		Biology AB 1.....	3

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies (see p. 192)	9	Required Studies (see p. 192)	8
For Students Specializing in Domestic Science:		For Students Specializing in Domestic Science:	
Domestic Science C 4.....	3	Domestic Science D 5.....	5
Chemistry of Nutrition C 5..	3	Design D 8, 9, 10, 11 (2).....	4
For Students Specializing in Domestic Art:		For Students Specializing in Domestic Art:	
Domestic Art C 4, 5, 6, 7.....	4	Domestic Art D 5, 6.....	5
Art C 2.....	2	Art D 2.....	2

(1) Students wishing to take only one, not both, of the subjects in household economics, may elect a suitable subject as a substitute with the consent of the Committee on Course of Study.

(2) Students in Domestic Science are required to take the regular course in Art (A B 2) in the Freshman and Sophomore years, and one additional year in Art, either Art C 2 or Art D 2.

### STUDENTS WISHING TO COMBINE COURSES IN ART AND MUSIC WILL TAKE

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Form Study AS <sub>3</sub> { ½ year } ½		Physical Training	
Picture Study AS <sub>12</sub> { each } ½		Education S 28.....	1
Water Color A S 6.....	1	Water Color B S 6.....	1
Design A S 8.....	1	Design B S 8.....	1
Cast Drawing A S 5.....	1	Projection B S 10 ½ year....	1
Elements of Theory A 1		Cast Drawing B S 5 ½ year..	
½ year.....		Methods in Public School	
Physics A 8 ½ year.....	3	Music B C D 9.....	3
Elementary Harmony A 12		Appreciation of Music A S 8..	2
½ year.....		Chorus S 27.....	½
Solfeggio, Elementary A 3....	2½		

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Water Col. B C D S 6 { ½ year } 1		Life Drawing C D S 9.....	1
Plant Forms S 3 I.... { each } 1		Water Color A S 6.....	1
Perspective A S 4.....	1	Design C S 8.....	1
History of Painting D S 14....	1	Education S 29.....	1
Advanced Harmony B C 2....	3	Analysis D 15.....	1
Chorus S 27.....	½	Methods in Public School	
		Music, Advanced D 16.....	1
		History of Music B S 7.....	2
		History of Painting D S 14..	1

## STUDENTS IN TRAINING COURSE FOR TEACHERS IN PHYSICAL EDUCATION WILL TAKE

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 192)	3 ½	Required Studies (see p. 192)	5
Biology A B 1.....	3	Physics	} .....
Kinesiology A 9.....	3	Biology or Chemistry	
History of Physical Education A 10.....	1	Physiology of Exercise B 12	} .....
Theory of Teaching with Observation of Classes A 11	1 ½	first term	
One elective (1) .....	3	Theory of Corrective Gymnastics B 13	
		second term	
		Expression B 15 .....	1
		One elective (1) .....	3
JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies (see p. 192)	9	Required Studies (see p. 192)	8
Medical Gymnastics C 18.....	3	Medical Gymnastics D 19.....	3
Expression C 16 .....	1	Problems in Physical Education D 21.....	1
General Kinesiology C 17.....	1	Anthropometry D 22.....	1
One elective (1) .....	3	Expression D 20.....	1

(1) The elective must be approved by the Chairman of the Committee on Course of Study. It should be a subject not directly related to the work in physical education, but helpful in broadening the culture of the student, such as History, Mathematics, a language, or Art A B 8. If Art or a language in which less than three units have been accepted for entrance be elected, the elective *must* be continued two years.

## COURSES OF STUDY LEADING TO THE DEGREE OF BACHELOR OF MUSIC

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Major Instrument (1) .....	2	Major Instrument (1).....	2
Elements of Theory A 1 ½ year .....	1	Advanced Harmony BC2 .....	3
Physics A 8 ½ year.....	½	Solfeggio, Intermediate B 10	2
Elementary Harmony A 12 ½ year.....	1 ½	History of Music BS 7.....	2
Solfeggio, Elementary A 3 (2)	2 ½	Ensemble S 27 (4).....	½
Appreciation of Music AS 8..	2	Recital Class S 28 (2).....	½
Recital Class S 28 (2).....	½	English B5.....	3
English A 1 .....	3	French A2, AB3, or BC5 (3)	} .....
French A1, A2, or AB3 (3).....	} 3	or German AB2, AB3, or BC6-7 (3) .....	
German A1, AB2, or AB3 (3).....		Minor Instrument (possible extra) (6).....	1 or 2
Minor Instrument (possible extra) (6).....	1 or 2		

## COLLEGE COURSES

197

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Major Instrument (1).....	3	Major Instrument (1).....	3
Counterpoint C D 4.....	3	Canon and Fugue D 5	} 2
Special Studies in History of		or	
Music CD 11 (5).....	3	Free Composition D 6	
Solfeggio, Advanced C 13....	1	or	
Ensemble S 27 (4).....	½	Instrumentation and	
Recital Class S 28 (2).....	½	Conducting D 14.....	
Electives.....	5 to 6	Analysis D 15.....	1
Major Instrument (14).....	I or 2	Ensemble S 27 (4).....	½
Minor Instrument (6).....	I or 2	Recital Class S 28 (2).....	½
Practice Teaching (7).....	1	Thesis or Graduating Recital	2
Normal Course in Teaching		Electives.....	7 to 8
Major Instrument (7).....	½	Major Instrument (14).....	I or 2
Psychology BCD 1-2 (7).....	3	Minor Instrument (6).....	I or 2
History of Art (8).....	1	Canon and Fugue (13).....	2
English (9).....	3	Free Composition (13).....	2
French (3).....	3	Instrumentation (13).....	2
German (3).....	3	Special Studies in History	
Italian CD 1.....	3	of Music (11).....	3
History B3-4 (11).....	3	Pianoforte Sight-Playing	
Methods in Public School		(12).....	1
Music BCD 9.....	3	Pianoforte Repertoire and	
		Interpretation.....	1
		Song Repertoire and Inter-	
		pretation (10).....	1
		Practice Teaching (7).....	1
		Normal Course in Teaching	
		Major Instrument.....	½
		Choir Training.....	1
		Gregorian Music.....	1
		Psychology D9.....	1
		History of Art (8).....	1
		English (9).....	3
		French (3).....	3
		German (3).....	3
		Italian CD 2.....	3
		History (9).....	3
		Methods in Public School	
		Music BCD 9.....	3

## NOTES.

(1) Pianoforte, Voice, Organ, Violin, Violoncello, or other Orchestral Instruments. Private lessons, two half-hour periods. At least two hours of daily practice recommended. Fee according to teacher chosen. (For fees for regular students, see page 186).

(2) No outside preparation required.

(3) Attention is called to the graduation requirement of a fair reading knowledge of two modern languages other than English. Students entering with full requirements in one language are advised to begin the second language in the Freshman year and to continue its study through the Sophomore year. Students must begin second language at least as soon as beginning of Junior year.

(4) Students are assigned to proper ensemble class by instructor of major instrument. If no such assignment be made because of technical deficiency or other reason, each student will be required to attend regularly the rehearsals of the University Chorus.

(5) Seminar plan.

(6) Attention is called to graduation requirement of ability to play piano accompaniments of medium difficulty. Additional fee for this elective.

(7) Required of all students intending to teach.

(8) Recommended to all music students as elective in either Junior or Senior year.

(9) Choice of course to be made after consultation with head of department and with the Director of the School of Music.

(10) Required of students with Voice as major instrument.

(11) Required of students intending to specialize in musical criticism and the literature of music.

(12) Required of all students with Pianoforte as major instrument.

(13) Students desiring to specialize in composition may elect any or all of these courses.

(14) Students intending to prepare for concert performance may receive credit for additional work in the major instrument. If two recital programs are prepared and rendered, two hours will be granted. If one recital program is prepared and rendered, one hour will be granted.

### DIPLOMA IN ART

The following is an outline of work preparing for the practice of art as a profession.

FIRST YEAR	HOURS	SECOND YEAR	HOURS
Form Study AS3 ½ year.....	1	Cast drawing BS5.....	4
Elementary Design AS8.....	4	Freehand Perspective BS4..	4
Cast Drawing AS5.....	4	Theoretical Design BS8....	4
Freehand Perspective AS4....	4	Water Color BS4.....	4
Elementary Water Color AS6..	4	Pictorial Composition S11..	2
Pictorial Composition S11....	1	Orthographic Projection	
Mechanical Drawing AS10....	2	BS10 half year.....	1
Picture Study AS12.....	2	Mathematical Perspective	
English A1.....	6	BS10 half year.....	1
		French or German or	
		Spanish (1).....	6
		Hist. Sculpture BS13.....	2
		Electives.....	3
		Metal Work S16.....	3
		Embroidery S23.....	3
		Pottery Decoration S17.....	3
		Pottery Making S18.....	3
		Book Binding S26.....	3
	28		31

**THIRD YEAR****FOURTH YEAR**

	HOURS
Life Drawing CDS9.....	5
Oil Painting CDS7.....	5
Pictorial Composition S11....	2
Design CS8.....	4
History of Painting CS14....	2
French, or German or	
Spanish (1).....	6
Electives .....	6
Pottery Decoration S17.....	3
<i>Pottery Decoration S17.....</i>	3
<i>Pottery Making S18.....</i>	3
<i>Embroidery S23.....</i>	3
<i>China Painting S22.....</i>	3
<i>Metal Work S16 .....</i>	3
<i>Book Binding S26.....</i>	3
<i>Education CS28.....</i>	3
	<hr/>
	30

	HOURS
Life Drawing CDS9.....	4
Oil Painting CDS17 or Water	
Color BDS6 .....	4
Design DS8 .....	4
Pictorial Composition S11....	2
History of Painting DS15 ....	2
Figure Drawing S27.....	2
(3) Aesthetics D9** .....	2
Thesis on Art .....	1
Psychology BCD 1* .....	3
Electives .....	6
<i>Pottery Decoration S17 .....</i>	3
<i>Pottery Making S18.....</i>	3
<i>Embroidery S23.....</i>	3
<i>China Painting S22 .....</i>	3
<i>Metal Work S16 .....</i>	3
<i>Book Binding S26.....</i>	3
<i>Education DS29.....</i>	3
	<hr/>
	30

Graduates of regular four-year courses in Art are given free tuition for continued study in Art for a period of two years.

(1) Students showing a good reading knowledge, to be tested by the instructor, may substitute an academic study approved by the Committee on Course of Study. It should be noted that a student who has been given credit for entrance units in a language must enter a class of proper grade in college if she takes that language.

(2) Two Art-Crafts must be elected, three hours given to each.

(3) See Courses in Psychology.

(4) In the Senior year one Craft may be elected, double time being given.

**GRADUATE COURSES**

Students desiring to continue their work after graduation, with a view to a higher degree, will find full courses of study given in the special Bulletin of the Graduate Department of the University.

Graduate students who return for post-graduate work in any department, are entitled, free of charge, to one undergraduate study in another department.

**ADVANCED STANDING**

An applicant for admission to classes above Freshman entrance grade must submit her credentials or certificates to the Committee on Advanced Standing.

Certificates for college work will not be accepted unless given by colleges recognized as of equal standing.

An applicant for admission may have an examination to determine her right to advanced standing, if desired. She will be examined on the work required for admission and also on that accomplished by the class.

An examination for advanced standing will be permitted only in case the applicant furnishes evidence that formal study, under instruction satisfactory to the college, and for a period of time deemed sufficient, has been had in the subjects in which examination is asked.

A grade of 75 per cent will be required to obtain credit in this examination.

### **SPECIAL STUDENTS—SPECIAL COURSES**

1. A student admitted to special courses in Newcomb College must be not less than *twenty years of age* and fully qualified for admission to the classes desired. She must furnish a certificate showing preparation for these classes or pass an examination over the preparatory requirement. Such students will be classified as "special" students. A student fully prepared for freshman entrance but not wishing to pursue one of the regular courses, may enter such freshman classes as she is prepared for, and is classed as a Partial Course Student. No student in the College will be permitted to take less than two courses. A student in the residence is required to take not less than twelve hours per week.

2. A special student will be required to take all examinations in her respective classes.

3. A student registered in Art, Music or Household Economy will be admitted to classes in the College, only if filling entrance requirements in the course desired. [See (1) above].

4. Students, not less than sixteen years of age, may be admitted to practical or studio classes in Art or Music, but will not be admitted to classes of college standing; for practical requirements, see bulletins of Art and Music.

## COURSES OF INSTRUCTION

*Courses without an asterisk run throughout the year; one asterisk (\*) indicates that the course runs for first term only; a double asterisk (\*\*) indicates that the course runs for second term only. The letters A, B, C, D, S, G, designate respectively: Freshman, Sophomore, Junior, Senior, Special and Graduate Classes.*

---

### ART

PROFESSOR E. WOODWARD

PROFESSOR W. WOODWARD

ASSISTANT PROFESSOR ROMAN

PROFESSOR SMITH

ASSISTANT PROFESSOR TROY

PROFESSOR SHEERER

INSTRUCTOR BUTLER

Since its organization, this college has recognized that the study of art should be considered an important factor in a system of liberal education. This study has, therefore, been offered as an elective with other college studies in Junior and Senior years, and may be permitted as an extra in Freshman and Sophomore years.

In the college classes, technical skill is considered secondary to the development of artistic culture and the formation of taste. Studio work is therefore, accompanied by the history of art and the analysis and explanation of works of art.

For courses offered as electives or as extras in the College see page 193.

---

### BIOLOGY

ASSISTANT PROFESSOR McCULLOCH

INSTRUCTOR FIELD

The courses in Biology have been arranged to meet the needs of the several groups of students: (1) Sophomore Students in the School of Household Economy are required to take course 1. (2) Students specializing in physical education are required to take course 1 in their Freshman year. (3) Students electing Biology to fulfill the requirements in Science for the Sophomore year for the B. A. degree, will take course 2 and course 3 or 4 if they have offered Biology as an entrance credit or if they have had course 1. (4) Premedical students should take courses 2, 3, 8 and such other courses as time permits. (5) Students electing Biology as a major should elect at least courses 2, 3, or 4, 7 and 8. (6) For a practical knowledge of Biology, course 1 should be elected; as a basis for work in the social sciences, course 5.



**AB 1. General Biology and Physiology.**

Lectures two hours, laboratory one 3-hour period. Three hours credit.

An outline of the fundamental facts and principles relating to the structure and activities of living organisms, both plants and animals with special reference to the bearing of biology upon human life. In the second term human physiology will be emphasized. The laboratory work consists of a study of a series of selected forms, both plants and animals, together with some work in general physiology.

**BC 2\*. General Zoology.**

Lectures, two hours, recitation, one hour, laboratory, two 2-hour periods. Two hours and a half credit.

Introduction to the facts and principles of animal biology with special reference to their structure, function and evolution. The laboratory work consists of the study of a series of invertebrates, amphioxus, shark and frog.

Prerequisites: Course 1 or entrance credit in biology.

**BC 3\*\*. Physiology.**

Lectures, two hours, recitation, one hour, laboratory, two 2-hour periods. Two hours and a half credit.

A study of human physiology with emphasis on digestion, metabolism, internal secretion and the nervous system. Laboratory work includes experiments with nerve-muscle preparations, digestion of foods, circulation and respiration, based upon a brief study of the structure of each system.

Prerequisite: Course 2.

**BC 4.\*\* General Botany.**

Lectures, two hours, recitation, one hour, laboratory, two 2-hour periods. Two hours and a half credit.

An introduction to the study of plant forms by the study of representative forms of the several phyla beginning with the primitive forms and ending with the flowering plants.

**BCD 5-6. Heredity and Evolution.**

Lectures, two hours, recitation, one hour, reference work and term papers. Three hours credit.

The first half-year deals with the facts of heredity, the cellular basis of heredity, Mendelian inheritance and the bearing of heredity on social problems. Second half-year, discussion of the theories of evolution.

**BCD 7.\* Comparative Anatomy of Vertebrates.**

Lecture, one hour, laboratory, two 3-hour periods. One hour and a half credit.

Lectures on the comparative anatomy of vertebrates from the embryological point of view. Laboratory work consists of comparative study of the skeleton followed by the dissection of the reptile, bird, and mammal.

Prerequisite: Course 2.

**BCD 8.\*\* Embryology.**

Lecture, one hour, laboratory, two 3-hour periods. One hour and a half credit.

Lectures on general and human embryology with emphasis on the latter. Laboratory work consists of a detailed study of chick and pig.

Prerequisites: Course 2.

**DG 9-10. Protozoology and Parasitology.**

Hours and credit to be arranged to meet the needs of the students.

In the first half-year the relation of protozoa to disease, their structure and life history will be emphasized.

The work of the second half-year is a discussion and study of the animal parasites of man and domestic animals.

Prerequisites: Course 1 and 2 or their equivalent, together with other adequate training in Zoology.

**Marine Zoology.**

Two scholarships are awarded each summer at the Marine Biological Laboratory, Wood's Hole, Mass., where students may take courses in Marine Zoology.

---

**CHEMISTRY**

PROFESSOR NORTHRUP

ASSISTANT PROFESSOR SPENCER

**AB 1. General Chemistry.**

Three periods a week. Lectures, two hours; laboratory, one period (three hours.) Three hours credit.

This course is required of all students who do not offer an entrance unit in Chemistry.

MRS. NORTHRUP

**A 2. Household Chemistry.**

Three periods a week. Lectures, two hours; laboratory, one period (two hours). Three hours credit. Required of all regular students in Domestic Science. This course considers some of the most important parts of food chemistry, such as the proteins, carbohydrates, fats, baking powders, fermentations, etc., and is preceded by a study of such por-

tions of inorganic and elementary organic chemistry as are essential to an understanding of food composition. Some time is also given to water, fuels and illuminants.

MISS SPENCER

**BC 3. General Chemistry (especially of the metals.)**

Five periods a week. Lectures, three hours, laboratory, two periods (two hours each.) Five hours credit.

This course is designed for students who have completed A B 1 or for those whose work in Chemistry has been accepted for entrance credit. The course is planned to include a review and development of the principles of general chemistry together with the application of these in qualitative analysis.

Omitted in 1918-1919.

MRS. NORTHRUP

**C 4. Qualitative and Quantitative Analysis.**

Three periods a week. Lecture, one hour; laboratory, two periods (two hours each). Three hours credit. Elective.

Twelve lectures on the elements of Physical Chemistry applied to solutions. Laboratory work based on A. A. Noyes, *Qualitative Analysis*; interpreted from the standpoint of modern theories of chemistry and accompanied by recitations on the underlying principles of the group separations. This work is concluded with typical gravimetric and volumetric analyses.

MRS. NORTHRUP

**C 5. Nutrition.**

Three periods a weeks. Lectures, two hours; laboratory, one period (three hours). Three hours credit.

This course is required of students taking the Domestic Science elective in the course leading to B. A. in Education.

A study of the chemistry of digestion and metabolism and also of the nutritive requirements of the body, thus giving a scientific basis for the work in dietaries.

This course is preceded by such portions of organic chemistry as are most essential to an understanding of nutrition.

The laboratory work is partly organic chemistry and partly experiments on digestion.

MISS SPENCER.

**D 6. Organic Chemistry.**

Three periods a week. Lectures, two hours; laboratory, one period (three hours). Three hours credit. Elective. Prerequisite, Course C 4.

Lectures and recitations on Remsen, *Organic Chemistry*, supplemented by laboratory preparation of typical compounds, and by weekly collateral reading. The course is concluded with an introduction to Physiological Chemistry and Dietetics.

MRS. NORTHRUP

**ECONOMICS AND SOCIOLOGY**

(INSTRUCTOR TO BE APPOINTED)

MISS MCMAIN

Juniors who are likely to elect advanced work in economics in their Senior year are strongly advised to elect Economics I in their Junior year.

**C D 1. Principles of Economics.**

Three hours a week. Three hours credit.

The principles of economic life are studied with constant reference to the economic aspects of legal and political problems and to the development of the United States. Certain topics of applied economics, such as the tariff, banking, and trusts, are selected for more extended discussion in the light of these principles.

Much of the class-room work takes the form of free, oral discussion. A fundamental aim is to aid students to think, with accuracy, insight, and sound judgment, for themselves.

**C D 2\*. Neighborhood Life in an Industrial Center.**

Three hours a week. One hour and a half credit.

This course aims to give a general view of life in an industrial neighborhood, and to help the student to gain a practical, accurate insight into some of its problems and limitations. It deals with the neighborhood home, neighborhood civic life, neighborhood industrial life, neighborhood social life, and with the forces and elements available for social progress.

Visits of inspection and observation will be organized, under the guidance of the instructor; and every possible opportunity will be given the student to study the problems at first hand.

MISS MCMAIN

**C D 3\*\*. Problems of Labor and of Industrial Organization.**

Three hours a week. One hour and a half credit.

This course aims to promote understanding and sound judgment on questions of capital and labor. To this end it deals with: (a) The economic and social condition of workingmen. (b) Organized efforts to improve these conditions, such as workingmen's insurance, trade unions, profit sharing, and coöperation.

**EDUCATION**

PROFESSOR LEARY

Under this heading will be included courses of study designed primarily for the needs of students who desire to prepare themselves for teaching. The attempt is made to meet the requirements of the laws

in this and adjoining states regarding the preparation of teachers.

For the courses of study required for the degree B. A. in Education see page 58.

### **B 1. History of Education.**

Two hours a week. Two hours credit. Required of Education students.

This course traces the development of educational ideals and methods from primitive life to modern civilizations. The attempt is made to relate educational theories to the social customs, economic and political conditions, and also the philosophical, scientific, religious, literary and artistic background from which they have sprung. Education is to be studied as a growth, movement or institution rather than as a succession of bibliographies of educational leaders and reformers. Lectures, recitations and topical investigations by students.

### **C D 2. Principles of Education.**

Three hours a week. Three hours credit. Psychology pre-requisite.

This course includes a study of the fundamental principles of education, viewed in the light of modern educational and psychological theory and practice. It considers the problems of heredity, the individual and society, the mode of individual development, formal discipline and kindred questions. It analyzes the educational aim in its relation to social progress, and considers the place of the social institutions in the realization of this aim. Elementary consideration of measurements in education.

### **D 3. Elementary Education.**

Two hours a week. Two hours credit. Alternative requirement in lieu of Secondary Education in Senior year.

This course aims to give to those preparing for positions as elementary teachers, principals or supervisors, a theoretical and practical study of elementary education. It considers such questions as the child, the influence of environment on child life, the relation of the home and school, the principles underlying the elementary course of study, the question of method and the recitation, and the pedagogy of the school topics from the standpoint of experimental education.

Lectures, reports, assigned readings and discussions.

### **D 4. Secondary Education.**

Two hours a week. Two hours credit. Alternative requirement in lieu of Elementary Education in Senior year.

The course is intended for prospective high school teachers and principals. The threefold aim will be to study: (1) the characteristics of the adolescent boy or girl; (2) the curricula, methods and organi-

zations of secondary schools of America, Germany, England and France, by means of a detailed survey; (3) the current educational literature, and the problems of secondary education.

#### **D 8.\* Philosophy of Education.**

Two hours a week. Those desirous of electing this course kindly confer with Mr. Leary.

A study of the conscious effort toward human development in its relation to the life process.

An attempt to relate the scientific and philosophic point of view, to the educational. An intensive study of the field.

#### **Educational Methods.**

For **Methods in Art**, see page 243; in **Music**, page 253; in **Physical Education**, page 227; in **Mathematics**, page 222; in **French**, page 211; in **History**, page 218; in **Domestic Science**, page 262.

#### **Educational Psychology.**

See announcements of the Department of Psychology (page 230) for courses in Genetic and Educational Psychology.

**N. B. FREE TUITION FOR TEACHERS OF ATTAINMENT.** See page 64.

---

### **ENGLISH**

PROFESSOR BUTLER

ASSOCIATE PROFESSOR STONE

ASSISTANT PROFESSOR RICHARDSON

MISS MCFETRIDGE

The courses in English are designed to afford the student training in (1) ability to express thought with clearness and precision; (2) in practical knowledge of English literature; (3) in more exact knowledge of the history of the language. In selecting courses, therefore, the student should consider the bearing of the work to be done upon the particular purpose she wishes to attain. Courses A 1 and B 5 are required of all candidates for the B. A. degree and are prerequisite to all other courses. In all classes an effort is made to encourage the student to enrich her mind by wide and varied reading. Literature, indeed, is not studied as a mere text-book furnishing a modicum of biography with more or less valuable criticism, but as a living subject, the student being allowed as far as possible to formulate a criticism of the works read in class or assigned for special written report.

#### **A 1. English Composition and Language.**

Three hours a week. Required. Three hours credit.

The first aim of this course will be to train the student in the power of expression. Attention will therefore be directed to constant practice in the writing of simple English, with the purpose of enabling

the student to express ideas with clearness and force. While the principles of formal rhetoric will be studied in a text-book, particular stress will be laid upon the practical application of these principles to the work of the student and to selected readings in English prose. Since a general knowledge of the formation and development of the language as well as of the literature is deemed essential to the most fruitful work, a brief sketch of English historical grammar will be given.

Weekly compositions, daily themes, conferences.

MISS STONE, MISS RICHARDSON, MISS MCFETRIDGE

### **BCD 2. Practical Composition.**

One hour a week. One hour credit.

The lectures will be devoted to discussion of fundamental principles of rhetoric, with special attention to description and exposition. The student will prepare compositions of some length on themes chosen from the general college work of each student, to be examined in conference with the instructor, the purpose being to cultivate the power of expression as an essential part of any work the student may be engaged in. This course may be elected in conjunction with BCD 8 or BC 4.

MISS STONE

### **CD 3.\* Advanced Composition.**

Three hours a week. One hour and a half credit.

The object of this course is to offer further study in composition to students who have shown some aptitude for literary work. Critical examinations will be made of typical specimens of narration, exposition and argumentation. Frequent long and short themes will be required, and will be criticised in class and at conferences with the instructor.

MISS RICHARDSON

### **BC 4.\* Methods and Text Books in English.**

Two hours a week. One hour credit.

The course of study in English as pursued in preparatory schools and in colleges will be discussed, and text books suitable to these courses will be examined, the purpose being to assist those who wish to become teachers in establishing the principles to be kept in mind when selecting texts or planning a course. Specimens of types of literature, such as the epic, the lyric, the drama, the essay, the novel, the short story, will be studied to show a method of teaching them. This course may be taken in conjunction with any course in English, but is especially designed to be taken with BCD 8 or CD 3.

Omitted in 1917.

MR. BUTLER

**B 5. English Literature.**

Three hours a week. Three hours credit required.

The object of this course will be to give the student a general view of the history and development of English literature. Though a text-book will be used, the actual instruction will be imparted largely by means of lectures and detailed study of selected masterpieces in prose and in poetry. Throughout the course considerable attention will be devoted to the writing of essays as a means of training the student to appreciate and to express appreciation of the literature studied.

MR. BUTLER, MISS STONE, MISS MCFETRIDGE

**CD 6-7. Elizabethan Drama.**

Three hours a week. Three hours credit.

An outline of the origin of the English drama, with reading of the chief predecessors of Shakespeare, will occupy the first term. The second term will be devoted chiefly to Shakespeare, but plays of other dramatists will also be read.

The student will need a text, and a complete edition of Shakespeare, preferably in one volume, and is advised to procure the plays of such dramatists as Jonson, Marlowe, Webster, etc. MR. BUTLER

**BCD 8. American Literature.**

Two hours a week. Two hours credit.

It is the purpose of this course to present American literature as represented in the work of such men as Irving, Bryant, Poe, Emerson, Hawthorne, Longfellow, Whittier, Holmes, Lowell, Whitman, and Lanier. The influence of local and national history, where it affects the work of these men, will be discussed. Lectures and collateral reading, with a text-book, and Page's *Chief American Poets*.

MISS STONE

**CD 9.\* Development of the Essay.**

Three hours a week. One hour and a half credit.

The rise of the essay and its development as a distinct type will be traced by means of lectures and critical study of selected representative essays. There will be included studies of typical essays of Bacon, Cowley, Dryden, Swift, Addison, Steele, Johnson, Hunt, Lamb, Hazlitt, De Quincey, Carlyle, Macaulay, Newman, Thackeray and Arnold.

MISS STONE

**CD 10.\*\* The Short Story.**

Three hours a week. One hour and a half credit.

Short stories will be studied with the idea of fostering literary appreciation as well as knowledge of the historical development and the



technique of this form of composition. The course will concern itself, for the most part, with English and American authors, but those of other countries will be referred to as types. Frequent reports will be required on special topics. A text-book will be used as a foundation for this course.

MISS RICHARDSON

Omitted in 1918.

**C D 11.\*\* Chaucer.**

Three hours a week. One hour and a half credit.

In this course the student will be given a careful drill in the facts of Chaucer's life, in his language and metre. Ample selections from the *Canterbury Tales* will be read, and will be studied as literature.

MR. BUTLER, MISS STONE

**D 12. English Poetry in the Nineteenth Century.**

Three hours a week. Three hours credit.

The course will involve a study of the life and influence of the greater poets of the century, from Scott to Swinburne. A complete work of each poet, or a sufficient body of shorter poems, will be read; and the student will be trained by means of discussion and original work to formulate critical judgments.

MR. BUTLER

Omitted in 1918.

**D 13. The English Novel.**

Three hours a week. Three hours credit.

The development of the novel, from the Elizabethan period, will be traced historically. An outline of the facts will be studied in a text-book, but the greater part of the time will be devoted to careful study of actual specimens of prose fiction selected to represent the taste of a particular period or the characteristics of a particular type. The influence of the essay and of the character study will be indicated. But the purpose of the course will be rather to assure the student of a sound knowledge of the well established facts and principles than to attempt original investigation.

MR. BUTLER

**C D 14.\*\* English Prose in the 18th Century.**

Three hours a week. One hour and a half credit.

The main purpose of this course is to show the development of English prose from Milton to Burke. The work will include a careful study of such political and intellectual conditions as are reflected in the writings of the most important critics, pamphleteers, biographers, essayists, and novelists of the period. Much reading will be expected and reports required on special topics.

MISS RICHARDSON

**D 17. The Modern Drama.**

Three hours a week. Three hours credit.

This course will deal with the revival of the drama as a true literary type, the acting and yet readable play as opposed to the poetic dramas of the older tradition.

MR. BUTLER

Omitted in 1918.

**D G 15.\* Old English.**

Three hours a week. One hour and a half credit.

This course will provide a careful drill in the grammar and phonology of the language, with practice in reading, including at least a portion of the *Beowulf*, with lectures on the literature and language of the Old English period. This course is prerequisite to course 16.

MISS STONE

**D G 16.\*\* Middle English.**

Three hours a week. One hour and a half credit. Open to students who have elected course 15.

The history of English literature in the period from the *Poema Morale* to *Piers Plowman* will be studied, with reading of ample selections from the literature. Selections will be made with a view to giving an idea of the range of subjects covered by the literature of the period, and to indicating the development of the language and important divergences in dialect.

MISS STONE

**N. B.**—Announcements of the courses open to graduate students in English are made in the bulletin of the Faculty of Graduate Studies.

---

**FRENCH**

ASSISTANT PROFESSOR HUSE

INSTRUCTOR WITHERS

**A 1. Elementary Course.**

Three hours a week. Three hours credit. For students who have no previous knowledge of French.

The object of this course is to give students a fundamental knowledge of French grammar, and as large a vocabulary as possible. The work done is that outlined in the two years' entrance requirements.

Grammar, prose composition, and the reading of elementary prose. Reading will begin in the early part of the course. Fraser and Squair, *French Grammar* (longer course) *Part I*. Reading of easy modern prose.

MISS WITHERS

**A 2. Preparatory Course.**

Three hours a week. Three hours credit.

Intended for students who have taken A 1 or its equivalent and may wish to complete the entrance examinations in French, or for

students having sufficient knowledge of vocabulary and grammar, to enable them to read at sight elementary French prose.

Attention will be continued in giving the student a correct pronunciation and the ability to understand simple spoken French.

The work will consist (1) of the study of French syntax; (2) of the study of intermediate prose; (3) of exercises in French composition.

Review of Grammar. Fraser and Squair, *French Grammar* (longer course) *Part II*. Reading: Guerber, *Marie Louise*; Sand, *La Mare au Diable*; Bazin, *Contes Choisis*; Mérimée, *Colomba*.

MISS WITHERS

### **A B 3. Introduction to the Study of French Literature.**

Three hours a week. Three hours credit. Open to students having had at least three years of French *who come up to the required standard*. Major Freshman and minor Sophomore.

The object of this course is both to complete the student's elementary training in the French language and to give some knowledge of the more important phases of modern French life. The work will consist of short themes based on the text read, furnishing an opportunity for the continuation of the study of syntax; of exercises in composition, descriptions, etc.; of critical study of text, meaning of words and oral discussions on texts read.

Books: Koren, *French Composition*. Advanced texts: Taine, *Les Origines de la France Contemporaine*. Voltaire, *Le Siècle de Louis XIV*. Pailleron, *Le Monde où l'on s'ennuie*; Balzac, Eugénie Grandet (Jenkins): M. Prévost, *Lettres à Française*.

MR. HUSE, MISS WITHERS

### **A 13. Conversation.**

Students in Freshman courses, especially interested in French, are divided on the basis of proficiency into sections of eight or twelve. These sections, meeting once a week, are under the guidance of an advanced student who has shown exceptional ability and fitness for the work. One half-hour credit is given for this extra study, the election of which is voluntary.

### **B C 4. French Literature of the Seventeenth Century.**

Three hours a week. Three hours credit.

A study of the plays of Corneille, Molière and Racine. The structure and nature of classical drama, approached through a study of representative plays, with illustrative collateral reading. Lectures on

the social, educational and philosophic ideas of the seventeenth century.

Selected works of La Rochefoucauld, La Bruyère, La Fontaine and Fénelon. MISS WITHERS

**C D 5. General Survey of French Literature.**

Three hours a week. Three hours credit. Pre-requisite for courses 8, 9, 10, 11 and 12.

The evolution of French thought and literary ideals from *La Chanson de Roland* will be outlined. Students will be referred to the various histories of French literature and selections from epoch-making masterpieces will be read. This course will be given in French or English, according to the wishes of the class. MR. HUSE

**C D 6.\* The Period of Romanticism.**

Three hours a week. One hour and a half credit.

A study of the principal poets, dramatists and novelists of the first half of the nineteenth century. Lectures and text assignments for critical study and class discussion. MR. HUSE

**C D 7.\*\* French Literature Since 1850.**

Three hours a week. One hour and a half credit.

Representative poets, novelists and dramatists. A study of the principal literary schools. Lectures and collateral reading.

MR. HUSE

**D 8.\* Literary Renaissance of the Sixteenth Century.**

Three hours a week. One hour and a half credit.

Rabelais, Calvin, Montaigne, Ronsard and the *Pleiade*, that is, the Reformers and Humanists proper first, and then the artists will be studied, ending with Malherbe's reforms. MR. HUSE

**D 9.\*\* French Literature of the Eighteenth Century.**

Three hours a week. One hour and a half credit.

The revolt against classicism and the beginning of the romantic movement. A study of the principal authors of the period. Roustan, *La Philosophie et la Société Française au XVIIIe siècle*.

MR. HUSE

**D 10.\* French Phonetics and Old French Readings.**

Three hours a week. One hour and a half credit.

Required of students who wish to obtain a teacher's certificate from the Department.

A study of the phonetic laws which explain the evolution of popular or folk Latin into French. As early as possible in the course old and middle French texts will be read. MR. HUSE

**D 11.\*\* The Romantic Drama.**

Three hours a week. One hour and a half credit.

The work will center on Hugo's dramas. A few plays by Dumas, Vigny and Musset will also be read and discussed. **MR. HUSE**

**C D 12.\*\* Methods of Teaching French.**

One hour a week. One half-hour credit.

Required of students wishing to obtain a teachers' certificate from the department.

A discussion of the various methods of Modern Language teaching. Practical drills will consist of lessons given by students on assigned topics and criticized by the class. **MR. HUSE**

---

**GEOLOGY**

**ASSISTANT PROFESSOR A. E. SPENCER**

**C D 1. General Geology.**

Three hours a week. Three hours credit.

An introductory course treating of the leading facts and principles of the science.

Some of the topics discussed are: general features of the earth; igneous, sedimentary and metamorphic rocks; erosion; under ground water; glaciers, oceans and lakes; vulcanism; origin of the earth; the five great eras of geologic history.

Illustrations by lantern slides and specimens.

Some time will be devoted to the interpretation of topographic and geologic maps, and to the study of the principal rocks and of the important rock forming minerals.

---

**GERMAN**

**PROFESSOR WESPY**

**INSTRUCTOR FROTSCHER**

The aim of the courses in German is, primarily, to give to the student thorough training in the forms and syntax of the language. With this as a foundation, the courses will then endeavor to give an introduction to German literature and teach the student to appreciate German literature as literature.

German conversation is offered once a week as an extra to students of all classes taking the regular course. Students taking the course in conversation may be allowed an additional credit of one-half hour.

**A 1. Elementary Course.**

Three hours a week. Three hours credit. For students who enter Freshman class without previous instruction in German.

Pronunciation; drill in forms, word position, and leading facts of syntax; numerous oral and written exercises; reading of easy modern prose and one easier comedy of grade of Benedix' *Der Sonntagsjäger* or Fulda's *Unter Vier Augen*.

Collateral reading of one book will be required and tested during the second term of the session.

MISS FROTSCHER

### **A B 2. Syntax. Composition. Copious Reading.**

Three hours a week. Elective. Three hours credit. Open to students who have completed Course A 1, or who enter with two years preparation.

Thorough discussion of, and drill in more detailed facts of syntax; idioms in everyday use; numerous oral and written exercises; reading of several easier prose works by modern authors of the character of Storm's *In St. Jürgen* and Saar's *Die Steinklopfer*; one easier comedy like Moser's *Der Bibliothekar* or Fulda's *Der Dummkopf*; selected poems.

During the second term a review of the most important facts of German grammar will be conducted entirely in German.

Collateral reading of two books required and tested during the session.

MISS FROTSCHER

### **A B 3. Syntax. Composition.**

Three hours a week. Three hours credit. Open to students with three years preparation. Elective as a major in Freshman year or minor in Sophomore year.

More detailed study of facts of syntax; stress laid on idioms in common use; thorough drill by means of abundant oral and written exercises; reading of more difficult modern narrative prose as found in Dahn, *Ein Kampf um Rom*; Hauff, *Lichtenstein*; Sudermann, *Frau Sorge*, or one modern drama of the character of Grillparzer's *Sappho*, Hebbel's *Herodes und Mariamne*, or Wildenbruch's *Harold*.

MISS FROTSCHER

### **A B 4. C D 5. Conversation.**

One hour a week as an extra. One half-hour credit.

Students especially interested in German are divided on the basis of proficiency into sections which meet once a week. Those who, at the close of course A B 4, have acquired ease in the use of simple German speech will be allowed one credit; if they successfully continue the work in C D 5, they will be allowed another credit.

MISS FROTSCHER, MR. WESPY

**BC 6.\* The Classic Drama.**

Three hours a week. One hour and a half credit. Elective as a major in Sophomore year or as a minor in Junior year.

Rapid translation and intensive study of one or more of the easier classic dramas, such as Schiller's *Don Carlos*, *Wilhelm Tell*, *Jungfrau von Orleans*, or *Maria Stuart* and Lessing's *Emilia Galotti*; a series of lectures in interpretation; discussion. MR. WESPY

**BC 7.\*\* History of German Literature 1830-1848.**

Three hours a week. One hour and a half credit. Elective as a major in Sophomore year, or as a minor in Junior year.

Treatment of the Young Germans and of the writers of political lyrics, and their opponents. The aim is to introduce the student to the chief movements of German literary life during the period; light is thrown upon the social and political sources from which these movements sprang; special stress laid upon the study of representative lyric productions. Special attention given to Freiligrath and Lenau. Selected readings in class; interpretation; lectures; collateral reading, and reports. MR. WESPY

**CD 8. History of German Literature 1848-1870.**

Three hours a week. Three hours credit. Elective as a major in Junior year or as a minor in Senior year.

The methods and aims of this course are the same as in Course 7. Study of the Neo-Romanticists. Special attention given to Geibel, Lingg, Dahn, Greif. MR. WESPY

**D 9. The German Drama of the 19th Century.**

Three hours a week. Three hours credit. Elective as a major in Senior year.

An attempt will be made to give a general survey of the development of the German drama during the period. After a short discussion of the drama towards the end of the 18th century, in so far as it influenced the dramatic writers of the following period, light will be thrown upon the social, political and literary influences, both foreign and German, which, during the 19th century, were instrumental in the development of the drama in Germany. The course will be conducted partly by lectures, partly by means of reports based on German sources. Selections from the best works of some of the leading dramatists will be read and discussed in class. Special attention will be given to Kleist, Grillparzer, Hebbel, Wildenbruch, Sudermann, and Hauptmann. MR. WESPY

**GREEK**

PROFESSOR TEW

Provision is made for those who have had no Greek before coming to college.

**A C 1. Elementary Greek.**

Three hours a week. Three hours credit. Elective as a minor.

Greek Grammar. Xenophon: *Anabasis*, one book. Greek Prose Composition.

**A B D 2. Elementary Greek, (Continued).**

Three hours a week. Three hours credit. Open to students who have completed course 1.

Xenophon: *Anabasis*, continued. Homer: *Iliad*, three books. Greek Prose Composition.

**A B C 3. Homer. Isocrates. Plato.**

Three hours a week. Three hours credit. Elective as a major.

Rapid reading of selected books of the *Odyssey*. Isocrates: *Panegyric*. Plato: *Apology*, *Crito*, and the narrative portions of the *Phaedo*.

**B C 4. Euripides. Demosthenes. Sophocles.**

Three hours a week. Three hours credit. Elective as a major.

Euripides: *Alcestris*, with study of the Greek theater and the history of the Greek drama. Demosthenes: *De Corona*, with study of history of the time. Sophocles: *Electra*.

**C D 5. Thucydides. Sophocles. Aeschylus.**

Three hours a week. Three hours credit. Elective as a major.

Thucydides: Book II. Sophocles: *Antigone*. Aeschylus: *Prometheus*. Study of metres of the plays.

**D 6. Aeschylus. Aristophanes. Lyric Poets.**

Three hours a week. Three hours credit. Elective as a major.

Aeschylus: *Agamemnon*. Aristophanes: *Birds*. Selections from Greek lyric poetry.

N. B.—Announcements of the courses open to graduate students in Greek are made in the bulletin of the Faculty of Graduate Studies.

**C D 7. Greek Literature in English Translations.**

Three hours a week. Three hours credit. Elective. No knowledge of Greek is required.

The aim of this course will be to make the student acquainted with the masterpieces of Greek literature. A manual of the history of



Greek literature will serve as a foundation, but the chief stress will be laid upon the literary study of representative works, especially of Homer, the dramatists and Plato.

## HISTORY AND POLITICAL SCIENCE

PROFESSOR ———

PROFESSOR TEW

INSTRUCTOR RICHARDSON

### **A 1. History of Greece to the Roman Conquest.**

Three hours a week. Three hours credit. Elective by those not offering Ancient History for entrance.

A systematic study of the political, intellectual and artistic history of the ancient Greeks, supplemented by the detailed study of the age of Pericles.

MISS TEW

### **A 2. Roman History to Diocletian.**

Three hours a week. Three hours credit. Elective.

The History of Rome from the beginnings of the Republic, with special attention to the political, economic and social history, supplemented by detailed study of a single period.

MISS TEW

Omitted in 1918-19.

### **A B 3-4. English History.**

Three hours a week. Three hours credit. Elective by those not offering English History for entrance.

An outline of the political history of England, with attention to the constitutional and religious struggles, to the economic and social changes, and the founding of the British Empire. The earlier periods, from the Conquest to 1485, will be treated in less detail than the later, from 1485 to recent times.

Text: Cross, *History of England*.

### **B 5.\* Mediaeval History.**

Three hours a week. One hour and a half credit.

A general survey of the history of Europe from the barbarian invasions to the close of the fifteenth century.

Lectures, recitations, collateral reading.

Textbook: Robinson's *History of Western Europe*; Munro and Sellery's *Mediaeval Civilization*.

### **B 6.\*\* Modern European History.**

Three hours a week. One hour and a half credit.

A general survey extending from the close of the fifteenth century to the foundation of the present European political system.

Lectures, recitations, collateral reading.

Textbook: Robinson, *History of Western Europe*.

**CD 7.\* The Renaissance. Individualism and Humanism.**

Three hours a week. One hour and a half credit.

The emancipation from the older forms of intellectual, educational, social and political life and the discovery and development of new standards of conduct.

Critical study of the civilization of the fourteenth, fifteenth and sixteenth centuries.

**D 8.\* General History of the Nineteenth Century.**

Three hours a week. One hour and a half credit.

The conflict of "liberal" and "reactionary" ideas in Continental Europe since 1815. The struggle for Liberalism and Nationalism. National unification and expansion; problems of international rivalry. Nature of the state and of politics in Europe: Their social and economic foundations.

**D 9.\*\* Internationalism.**

Three hours a week. One hour and a half credit.

Problems of the "Great Society." Peace Congresses in the 19th Century. Development of an International Conscience. American attitude towards the cause of small nationalities and of Democracy in Europe in the 19th Century.

**D 10.\*\* Method of Teaching History.**

Two hours a week. One hour credit.

Practical course for prospective Teachers of History. Bibliographies of Textbooks, References, Source Collections. Principle of selection of Topics of Illustration, Problems of presentation, interpretation. Classroom problems.

**CD 11.\* History of the United States.**

Three hours a week. One hour and a half credit.

The Westward Movement and its influence on the foundation of parties, and national issues. Nationalism and Sectionalism to 1828.

**CD 12.\*\* History of the United States.**

Three hours a week. One hour and a half credit.

Sectionalism and Nationalism, 1828-1865.

**CD 13.\* History of the United States.**

Three hours a week. One hour and a half credit.

1865-1912. Reconstruction, Capitalistic and Industrial Centralization. New Democratic Revolts.

**CD 14.\*\* Parties and Elections in the United States.**

Three hours a week. One hour and a half credit.

The organization of parties and party machinery. Nominations and Elections.

Initiative, Referendum and Recall. Tendencies in modern state constitution-making. City government.

**N. B.**—Announcements of the courses open to graduate students in History are made in the bulletin of the Faculty of Graduate Studies.

**N. B.**—No course is given unless at least 10 students apply for it.

### LATIN

PROFESSOR HARKNESS

MISS LUND

The work in Latin is conducted with two ends principally in view; (1) an accurate understanding of the Latin language for its own value and as one of the most important factors in the structure of modern language, and (2) an acquaintance with Roman literature and Roman civilization.

In accordance with this plan the work of courses 1 and 2 includes careful drill upon grammatical forms and constructions, the purpose being to secure ease and accuracy in translating Latin, without which an appreciation of its literary features is impossible. With courses 3 and 4 a beginning is made of the study of Latin literature for itself and its revelation of the life and character of the Roman people, the last half of the senior year (course 10) being devoted to a survey of Roman literature from its beginning to its decay as a national literature. During the entire course, however, careful grammatical and linguistic study is insisted upon, as it is believed that this should never be lost sight of even when a larger porportion of attention is given to literary and historical work.

**A 1. Latin Prose Composition. Sallust.**

Three hours a week. Three hours credit. Open to students who have met entrance requirements in minor Latin. Prose Composition. Sallust: *Jugurtha*. MISS LUND

**A 2. Latin Prose Composition. Livy. Cicero.**

Three hours a week. Three hours credit. Open to students who have met entrance requirements in major Latin. Livy: *Book XXI*. Cicero: *De Senectute*. Prose Composition based on the texts read.

MISS HARKNESS, MISS LUND

**B 3. Ovid: Livy.**

Three hours a week. Three hours credit. Minor elective. Open to students who have completed course 1. Ovid: Selections from *Metamorphoses*. Livy: *Book I*, and Selections from *Books II-X*.

MISS HARKNESS

**B C 4. Horace: Pliny: Private Life of the Romans.**

Three hours a week. Three hours credit. Major in Sophomore year. Elective as a minor in Junior year. Horace: Selections from *Odes*, *Epodes*, *Satires* and *Epistles*. Pliny: Selected Letters. The private life of the Romans.

In the first term selected Odes and Epodes are read, with a careful study of the metres of Horace. In the second term one hour a week is given to discussion of the private life of the Romans, with special attention to passages bearing on this subject in the *Satires* and *Epistles* of Horace and the Letters of Pliny which are read.

MISS HARKNESS

**C 5.\* Vergil.**

Three hours a week. One hour and a half credit. Selections from the *Aeneid*.

**C 6.\*\* Vergil.**

Three hours a week. One hour and a half credit. Selections from the *Bucolics* and *Georgics*.

Courses 5 and 6 are elective as minor. Vergil's sources, models, influence, and art are studied in connection with the selections read.

MISS HARKNESS

**C D 7.\* Tacitus.**

Three hours a week. One hour and a half credit. Elective as a major in Junior and as a minor in Senior year.

Tacitus: *Germania* and *Agricola*.

Qualities of Tacitus as a historian are studied, and his viewpoint and that of his literary contemporaries are compared.

MISS HARKNESS

**C D 8.\*\* Comedy: Plautus and Terence.**

Three hours a week. One hour and a half credit. Elective as a major in Junior and as a minor in Senior year.

One play each of Plautus and Terence is read. Study of the origin and development of Latin comedy.

MISS HARKNESS

**D 9.\* Seneca: Juvenal:**

Three hours a week. One hour and a half credit. Elective as a major.

Seneca: Selections from *Essays*. Juvenal: Selected *Satires*.

Study of aspects of Roman life as presented by Seneca and Juvenal.

**D 10.\*\* Latin Literature.**

Three hours a week. One hour and a half credit. Elective as a major.

A general survey is made of the history of Latin Literature, with the reading of selections from the more important authors of each period.

MISS HARKNESS

**N. B.**—Announcements of the courses open to graduate students in Latin are made in the bulletin of the Graduate Department.

### LIBRARY INSTRUCTION

LIBRARIAN HARVEY

ASSISTANT LIBRARIAN DUCROS

#### **A 1.\* Library Work.**

One hour a week. One half-hour credit. Required of regular Freshmen.

The course is designed not only to enable students to utilize the resources of the library, but to increase accuracy and the ability to follow directions. It includes the history of books and bookmaking, the parts and binding of modern books, the use of the catalogue and of periodical indexes, an outline of Dewey Decimal classification, and the making of bibliographies.

#### **S 2.\*\***

One hour a week. One half-hour credit. Prerequisite, Library A 1.

This course offers an elementary study of library methods applied to filing, note-taking and all records used in college work, and furnishes training in the organization and management of a small school or private library.

### ITALIAN

SEÑOR FERNÁNDEZ

#### **C D 1. Elementary Course.**

Three hours a week. Three hours credit.

Hossfeld's *Italian Grammar*; Hossfeld's *Italian Composition and Idioms*. *Conjugation of Italian Verbs*. Bowen, *Italian Reader*; De Amicis, *La Vita Militare*.

#### **C D 2. Reading from Standard Authors.**

Three hours a week. Three hours credit.

Ford; Goldoni's *Un Curioso Accidente*; Manzoni, *Promessi Sposi*; selections from Alfieri, Torquato Tasso, Dante Alighieri.

### MATHEMATICS

PROFESSOR SPENCER

MRS. ALLÉE

#### **A 1.\* Higher Algebra.**

Three hours a week. One hour and a half credit. Required.

The subjects included are: graphic representation of functions, logarithms, permutations and combinations, determinants, theory of equations, limits and series.

**A 2.\*\* Plane Trigonometry.**

Three hours a week. One hour and a half credit. Required.

The subjects treated are: angular analysis, including trigonometric equations and inverse functions, solution of triangles and use of tables.

**A B 3.\* The Teaching of Elementary School Mathematics.**

One hour a week. One hour credit.

The subject-matter of this course will be arithmetic, algebra, geometry, trigonometry and elementary number theory. The treatment, a critical review of fundamental notions, a study of methods of presenting and correlating the subjects, and an introduction to elementary trigonometry and number theory. The history of some famous problems as well as that of the development of mathematics will be emphasized. For students in Education, preparing to teach in the grades.

**B C 4.\* Plane Analytic Geometry.**

Three hours a week. One hour and a half credit.

A brief course giving definitions, equations, and simplest properties of the straight line and conic sections.

**B C 5.\*\* Differential and Integral Calculus.**

Three hours a week. One hour and a half credit.

Differentiation of standard elementary forms; simple application of the derivative; maxima and minima; points of inflection; integration of standard elementary forms with simple applications.

**B C D 6. Spherical Trigonometry and Solid Analytic Geometry.**

Two hours a week. Two hours credit.

**C D 7.\* Second Course in Analytic Geometry.**

Three hours a week. One hour and a half credit. Prerequisite, courses 4 and 5.

The principal theorems of modern analytic Euclidean geometry of conics.

**C D 8.\*\* Second Course in Differential and Integral Calculus.**

Three hours a week. One hour and a half credit. Prerequisite, course 7.

Extension of course in differential and integral calculus to include curvature, indeterminate forms, expansion of functions; curve tracing; methods of reduction of integrals; definite integrals; areas, volumes, length of curves and mechanical problems.

**CD 9. Theory of Equations with Determinants.**

Three hours a week. Three hours credit. Prerequisite, courses 4 and 5.

The work is based on Burnside and Panton's *Theory of Equations*.

**CD 10. Projective Geometry.**

Three hours a week. Three hours credit. Prerequisites, courses 4 and 5.

A course in synthetic projective geometry with a brief introduction to analytic methods.

**N. B.**—Announcements of the courses open to graduate students in mathematics are made in the bulletin of the Faculty of Graduate studies.

---

**MUSIC**

PROFESSOR MAXWELL

PROFESSOR FERRATA

INSTRUCTOR GOLDSTEIN

INSTRUCTOR PARKER

Candidates for the A. B. degree may select music as a major subject or may elect a maximum of nine hours in theoretical and historical courses in music during the Junior and Senior years. In exceptional cases music may also be taken as an extra in the Freshman and Sophomore years.

The following courses are recommended for choice as electives towards the Bachelor of Arts degree:

A1.\* Elements of Theory.

A12.\*\* Elementary Harmony.

B2. Advanced Harmony.

CD 4. Counterpoint.

AS 8. Appreciation of Music.

BS 7. History of Music.

A3. Solfeggio, Elementary.

B10. Solfeggio, Intermediate.

Courses in Canon and Fugue (D5), Free Composition (D6), and Instrumentation and Conducting (D14), will also count towards the Bachelor of Arts degree, but may be taken only by students with extraordinary preparation and ability in music. Courses BS 7 and AS 8, which require no previous preparation in music, are especially suited to the needs of the general student who recognizes the value of intelligent appreciation of music in a liberal education.

Practical courses in music (piano, voice, violin, etc.), will be open to students on payment of a special fee but will not count towards the degree.

**PHILOSOPHY**

PROFESSOR DIXON

**C 1. The History of Philosophy.**

Three hours credit; three hours a week. Required of all Juniors in the academic course. Elective in educational courses.

This course is intended to present such an outline of the history of thought as is desirable in a general education. Emphasis is placed on the significance of philosophy in human life rather than its technical aspect.

First semester the emphasis is placed upon Greek philosophy; second semester the development of modern philosophy.

**D 2.\* Principles of Ethics.**

One hour and a half credit; three hours a week.

Open to Seniors who have completed course 1.

An introductory course presenting an analysis of voluntary conduct. Discussion of the nature of conscience, meaning of right and wrong, principles of life, responsibility and moral authority.

**D 3.\*\* The Philosophy of Kant.**

One hour and a half credit; three hours a week.

Open to Seniors who have taken course 1.

A critical reading of the Kantian critiques showing the relation of Kant to the development of modern philosophy.

**D 4.\*\* German Idealism.**

One hour and a half credit; three hours a week.

Open to Seniors who have taken course 1.

A general study of the development of German philosophy after Kant, especially as found in Fichte and Hegel.

**General Note:** Courses D 3 and D 4 will be given in alternate years.

**PHYSICS AND ASTRONOMY**

PROFESSOR LYON

INSTRUCTOR REAMES

**A B 1. General Physics.**

Lecture, two hours, laboratory, one period (three hours) a week. Three hours credit.

Required of students not offering Physics for entrance.

MR. LYON, MISS REAMES

**A 7. Elementary Practical Physics.**

One hour a week. Credited as part of the course in Foods and Household Management A, (Household Economy).



A lecture and demonstration course, designed to emphasize some of the more common physical principles of every-day life, as manifested in practical Household Management.

Required of all students in Domestic Science, as part of the course in Household Management A 1.

Lynde, *Physics of the Household*.

MR. LYON

**A 8.\* Acoustics.**

One hour a week, first term. Credit under Theory A, (Music).

Lectures and demonstrations. Required of all Music Students in regular courses, in connection with A 1 Theory.

MR. LYON

**B C 2. General Physics.**

Lecture, three hours; laboratory, two periods (two hours each), a week. Five hours credit. Elective as second year science. Open only to students who have received credit for A B 1 Physics, or who have received one unit admission credit in Physics.

**N. B.**—B C 2 Physics is announced for session 1919-1920, but will not be open for session of 1918-1919.

MR. LYON, MISS REAMES

**O D 3. Sound and Light.**

Lecture, one hour; laboratory, two periods (two hours each), a week. Three hours credit.

Lectures and recitations, accompanied by a selected series of laboratory exercises, adapted to the course.

Various laboratory manuals used for reference.

MR. LYON

**D 4. Advanced Physics.**

Three hours a week. Three hours credit.

1918-1919. Theory of Heat, and General Problems in Physics. Lectures, recitations, and library reading.

Problems to be selected from various sources.

MR. LYON

**O D 5. Meteorology.**

Three hours a week. Three hours credit.

Lectures and recitations. Laboratory work of the nature of daily meteorological record keeping will be required. Interpretation of the daily weather map, and careful study of the work of the U. S. Government Weather Bureau, in collecting and preparing data needed in forecasting.

Milham, *Meteorology*.

MR. LYON

**C D 6. General Astronomy.**

Three hours a week. Three hours credit.

Lectures and recitations. Constellation study required. A small equatorial is available for the use of the class.

Young, *Manual of Astronomy*; Willson, *Laboratory Astronomy*.

MR. LYON

---

**PHYSICAL EDUCATION AND HYGIENE**

PROFESSOR BAER

The aim of the work in Physical Education, with which the lectures in Hygiene are combined, is to promote the general efficiency and health of the student thru systematic exercise and an understanding of the principles of healthful living. Written examinations are given in all theory courses.

Each student receives a thorough physical examination on entering. These examinations are repeated twice each year.

Regular students are admitted to the gymnastic classes without extra charge and also special students who take more than two college studies. *Other specials will be charged as for a regular college subject.*

A uniform suit is required in all gymnastic work and athletic contests.

---

**GENERAL COURSES****in Physical Education and Hygiene**

Physical Education and Hygiene form part of all courses during the entire four years of the college and count toward the degrees conferred.

Two hours a week are required of all students throughout the college course. The work in gymnastics is based upon the kinesiology of the Swedish system and includes free-standing exercises, apparatus work, aesthetic gymnastics, games, dance steps, fencing and athletics.

Corrective Gymnastics is given where students need special exercises. A Collateral course in reading, covering topics related to Physical Education, is also included as a part of the general work.

A course of ten lectures on Public and Personal Hygiene will be given in all classes each fall and spring. These lectures are scheduled for the regular gymnasium class hours which they substitute for the time.

**A 1-2. Gymnastics, Personal Hygiene, First Aid.**

Two hours a week.

Introductory, free exercises, Apparatus work, marching tactics and athletics.

The fundamental principles of personal hygiene will be taught and their relation to the daily life of the student will be emphasized.

A course in the principles of First Aid, which, when quickly applied, may save the life of a victim of a serious accident.

**B 3-4. Gymnastics, First Aid, Dietetic Hygiene.**

Two hours a week.

Progressive free exercises and apparatus work; wand drill, dance steps, athletics.

This course is designed to supplement course A 2, First Aid, and the student is here given such information as will enable her to meet the emergencies which are most likely to occur in the ordinary illnesses of every-day life.

The digestion of the food is considered from its ingestion into the mouth through the entire digestive tract. The relative value of the ordinary food stuffs and beverages is discussed, as is also the regulation of diet.

**C 5-6. Gymnastics, Domestic and Municipal Hygiene.**

Two hours a week.

Advanced free exercises and apparatus work; club swinging; athletics.

The hygiene of the home; the construction, location, and water supply of the dwelling are included as well as the important topic of food, its possible adulteration and preservation.

A discussion of the workings of the Board of Health, of both the city of New Orleans and the state of Louisiana, demonstrating to the student that the same principles of hygiene which are applicable to the individual or to the home are also applicable to the city and state.

**D 7-8. Gymnastics, Personal Hygiene for Women.**

Fencing, advanced gymnastics; aesthetic exercises; athletics.

Discussions of the students, individual relation to life and its responsibilities.

---

**TRAINING COURSE FOR TEACHERS**

This course leads to the degree of Bachelor of Arts in Education. It is designed for the training of teachers in Physical Education and Hygiene.

For the prescribed course in Education and the general course of study, see page 196.

The special course in Physical Education and allied subjects includes the following:

**A 9. Kinesiology—The Mechanics of Voluntary Motor Exercise.**

Three hours a week. Three hours credit.

This course includes the study of the mechanics of special exercises in relation to education, hygiene and general motor coordination; also the structure of the body in reference to special progression in gymnastics.

Text-books: Posse's *Special Kinesiology of Educational Gymnastics*.

**A 10. History and Principles of Physical Education.**

One hour a week. One hour credit.

The idea of gymnastics as a curative agent among the ancients, the development of physical education in Sweden, Germany, and modern Europe, as well as its growth and position in the United States will be considered in this course; also the bearing of physical education and hygiene upon the life of the people.

Text-book: Galbraith's "*Personal Hygiene and Physical Training for Women*." Reference: Ling, Roth, Taylor, Nissen.

Lecture and collateral work.

**A 11. Theory of Teaching Physical Education.**

Three hours a week. One hour and a half credit.

A course in methods, including the study and practice of the nomenclature used, voice culture, arrangement of progressive day's order of exercise, with observation of classes.

Text-book: Posse's *School Gymnastics*.

Notes: Rath's "Physical Education."

**B 12.\* The Physiology of Exercise.**

Three hours a week. One hour and a half credit.

General physiology in relation to gymnastics, including a study of the effects of exercise on the organism and functional processes.

Notes, lecture, demonstration and drawings.

**B 13.\*\* Corrective Gymnastics.**

Three hours a week. One hour and a half credit.

A study of the causes and the remedy of postural defects.

References: Posse, Nissen, Lovett, Bancroft.

**B 15. C 16. D 20. Expression.**

Two hours a week. One hour credit.

The philosophy of expression, with classification of selected readings; hygiene of the vocal apparatus, and Bell's Visible Speech.

Text-book: Fulton and Trueblood's *Practical Elocution*.

Notes and Diagrams from Delsarte and Bell.

**C 17. General Kinesiology.**

Two hours a week. One hour credit.

The application of general gymnastic principles to exercise, both of the educational and recreative type.

Lectures; notes from Posse, Bolin. Skarstrom, Bowen.

Collateral and original work.

**C 18. D 19. Medical Gymnastics.**

Three hours a week. Three hours credit.

This course includes the study of exercise as a remedial agency in general and specific cases; the character of active and passive exercise, both manual and mechanical.

Text-book: Posse's *Medical Gymnastics*; Notes from Ling, Roth, Taylor, Nissen, Graham, Ostrom, Kellog.

**D 21. Problems in Physical Education and Hygiene.**

One hour a week. One hour credit.

This course includes the history, plans and purposes of the playground movement, summer camps for girls, etc., and the relation of these movements to physical education.

Lectures, collateral work, original work.

**D 22. Anthropometry.**

Two hours a week. One hour credit.

The purpose of measurements in relation to the normal and abnormal body, also study and practice in physical diagnosis and physical examinations.

Text-book: Seaver's *Anthropometry and Physical Examination*; Notes from Cabot and Federsen. Also use of Newcomb's charts and records.

---

## PSYCHOLOGY

PROFESSOR FLETCHER

ASSISTANT PROFESSOR SUNNE

**BCD 1.\* Introductory Psychology.**

Three hours a week. One hour and a half credit.

This is intended to serve as a beginning course in psychology, and is designed to meet the needs of those students who may be interested in the subject from the scientific and cultural viewpoint as well as those to whom it may be of benefit professionally. The course begins with a brief study of the structure and function of the nervous system as a basis for the study of sensation. Succeeding this is the study of the more complex processes of perception, memory and imagination, reasoning, instinct, feeling, emotions, action and will. The work will consist of recitations, discussions, lectures and class demonstrations.

MR. FLETCHER, MISS SUNNE

**BCD 2.\*\* Genetic Psychology.**

Three hours a week. One hour and a half credit.

A treatment of the origin and development of mind in the race and in the individual. Chief emphasis in this course will be laid on the various phases in the development of the child mind and the modern methods of the study of child psychology. Prerequisite, B C D 1.

MR. FLETCHER, MISS SUNNE

**CD 3.\*\* Elementary Experimental Psychology.**

Four hours of laboratory and one recitation hour a week. One hour and a half credit.

Designed to introduce those who have taken B C D 1 to the laboratory methods employed in the study of the fundamental problems of psychology. Qualitative experiments will be made in sensation, perception, association, ideation, etc. The experimental work will be paralleled by the study of an elementary text.

MR. FLETCHER, MISS SUNNE

**CD 4.\*\* Social Psychology.**

Three hours a week. One hour and a half credit.

This course will comprise a study of the psychological laws that condition the origin and growth of social customs, ideals and institutions. Prerequisite, B C D 1.

MR. FLETCHER

**CD 5. Educational Psychology.**

Three hours a week. Three hours credit.

A course in the application of psychology to educational problems, with special reference to the methods, economy and efficiency of learning, and specific forms of learning in different school subjects. In the second semester a survey of the various psychological, educational, and vocational tests and scales will be made in order that the student may become familiar with the methods of administering such tests and get some practice in the statistical treatment of results.

MISS SUNNE

**D 6. Experimental Psychology--Advanced.**

Four hours of laboratory a week. Two hours credit.

The first half of the year will be devoted to quantitative experiments in certain of the general problems of psychology. This will be followed, if possible, by special detailed study of selected problems. Introductory psychology prerequisite.

MR. FLETCHER, MISS SUNNE

**CD 7.\* Logic: Treated as the Psychology of Thinking.**

Three hours a week. One hour and a half credit.

The first part of the course will consider the general nature and function of thinking, and thus constitute a suitable advanced course

to succeed a term in elementary psychology. The second half of the course will be devoted to an investigation of scientific procedure and to practical applications. Such topics as the following will be studied: Hypothesis, Causal Relations, Probability, Testimony and Circumstantial Evidence, and Statistical Methods. The work is intended for all who wish to gain acquaintance with logical methods of argument and investigation and the practical applications of logic.

MISS SUNNE

#### **D 8. Clinical Psychology.**

Three hours a week. Three hours credit.

During the first term study will be made of the variant types of mental development such as the feeble-minded, the idiot-savant, and the genius, along with modern methods in the mental diagnosis of these conditions. The psychology of mental measurements will be stressed. The second term will be devoted to the study of other variations from the normal in the form of illusions, dreams, hallucinations, hypnotic suggestion, disassociation of personality; and finally some attention will be paid to the psychological theories of Freud in reference to hysteria. Introductory psychology presupposed.

MR. FLETCHER

#### **D 9.\*\* Aesthetics.**

Two hours a week. One hour credit.

A treatment of the psychological laws that underly aesthetic experiences. Some attention will be given to the analysis of the nature of the beautiful and the feelings involved in appreciation; also a study will be made of the impulses, both racial and individual, that have led to artistic creation.

MR. FLETCHER

**NOTE:** For announcements of other offerings in psychology see extension and graduate bulletins.

---

### **THE F. WALTER CALLENDER LABORATORY OF PSYCHOLOGY AND EDUCATION.**

Through the munificence of the late Mr. F. Walter Callender Newcomb College has been enabled to begin the organization and equipment of a laboratory for use in experimental work in psychology and education. By action of the Board of Trustees of Tulane University October 23, 1912, the sum left by Mr. Callender was set aside on the following terms, namely: "Resolved, That the special fund of about \$65,000 left by F. Walter Callender for the use of the Newcomb College shall be set aside for the development of a Laboratory of Psychology and Education and of the Educational courses in connection therewith.

"This Laboratory shall be known as the F. Walter Callender Laboratory of Psychology and Education and so placed as to be accessible to men students and such students in advanced classes and in professional courses shall have access to these classes by paying the customary fees.

"It is understood that any special use of this fund for building or other purposes than maintenance shall be subject to the special action of the Board."

In addition to other appropriations by means of which a considerable start has been made toward the organization of a laboratory for use in demonstrations to introductory classes, as well as for use in the undergraduate and graduate courses in experimental psychology, the Laboratory has been authorized to use a certain portion of its income for equipments in the form of apparatus and a department library. It is the plan of the Department to put emphasis on securing as good a working library as is possible in the way of standard books for reference and other purposes, and the most important English, French and German psychological journals. There will be in the reading room of the library for use by the students of psychology complete files of the American Journal of Psychology, the British Journal of Psychology, the Journal of Educational Psychology, the Journal of Animal Behavior, the Psychological Clinic, and *L'Année Psychologique*. In the library of Tulane University there are files of the Psychological Review, the Psychological Bulletin, the Psychological Index, and Mind. In addition to the complete files of the above Journals the Laboratory subscribes for the Journal of Philosophy, Psychology and Scientific Method, The Journal of Comparative Neurology and Psychology, the Pedagogical Seminary, the Educational Review, the Journal of Abnormal Psychology, *Zeitschrift fur Psychologie*, *Archiv fur die gesamte Psychologie*, *Psychologische Studien*.

The lecture room for the Department of Psychology contains, besides the instrument cases in which are kept the smaller piece of psychological apparatus, tables specially made for use in class experimentation.

The Laboratory equipment consists at present of the more important pieces of apparatus necessary for the prosecution of the undergraduate courses in qualitative experiments. This equipment is being constantly added to and will be made as complete as possible before the attempt will be made to stress the more advanced quantitative and research work. The Laboratory has a good supply of tools for making general repairs and the simpler pieces of apparatus in wood, and also has a share in the services of the mechanician of Tulane University in the case of the need for more complicated pieces.



### THE PSYCHOLOGICAL CLINIC

In addition to the Laboratory for general psychological studies, and as part of its field of work, the Callender Laboratory maintains a Psychological Clinic. The work of the Clinic is two-fold. In the first place it receives by appointment for examination cases of mental deficiency and other forms of mental and moral deviation which fall within the scope of psychological study. These cases are carefully studied at the Laboratory and on request a diagnosis is submitted to the parent or other person duly authorized. In addition to the mental diagnosis received at the Laboratory the Clinic has had the privilege of referring all its cases for physical examination to the Medical Staff for physical examination according to the need of each individual case. The second aspect of the clinical work consists of the instruction offered in clinical and differential psychology by means of which teachers, social workers and others who are interested in this field may receive training.

The Clinic is equipped with apparatus for use in mental and physical testing and for anthropometric measurements. With this equipment and the numerous cases of various exceptional types from the City of New Orleans and from the State, opportunities are good here for study in this line.

---

### SPANISH

SEÑOR FERNÁNDEZ

#### A 1.\* Elementary Course.

Three hours a week. One hour and a half credit.

Fundamental principles of Spanish grammar, with abundant practice in conversation. From the beginning students are taught Castilian pronunciation, as set forth by the Royal Spanish Academy. Later, however, they are made acquainted with the departures from that pronunciation which are customary in many parts of Spain and Spanish America.

*The Newcomb Spanish Grammar*; Special Study of the regular and irregular verbs; grammatical questions and answers (in Spanish); class-room reading of the Spanish play, *Después de la Lluvia, el Sol*

The First Term examinations are held entirely in Spanish.

#### A 2.\*\* Elementary Course—continued.

Three hours a week. One hour and a half credit.

*The Newcomb Spanish Grammar*; Umphrey, Spanish prose composition. Ramos Carrión y Vital Azá Zaragüda.

Study of the Spanish pronunciation and barbarisms in Spain and in Spanish-American countries.

In this course the instruction is given wholly in Spanish, the vocabulary of every day life is emphasized, and the students memorize choice extracts from the writings of representative Spanish authors.

**B 3.\* Reading and Composition.**

Three hours a week. One hour and a half credit.

Wickersham Crawford, *Spanish Composition*; Alvarez Quintero, *Doña Clarines y Mañana de Sol*; Taboado, *Cuentos Alegres*; Memorizing of selections from standard Spanish authors. Conversation and dictation.

**B 4.\*\* Reading and Composition—continued.**

Three hours a week. One hour and a half credit.

Espinosa's *Advanced Spanish Composition and Conversation*; Moratín, *El Sí de las Niñas*; Ford, *A Brief History of Spanish Literature*.

**C 5. Grammar and Reading.**

Three hours a week. Three hours credit.

This course is similar to Courses 1 and 2, but covers the ground more thoroughly, and is intended to be a sufficient introduction to 6.

**D 6. Spanish Literature.**

Three hours a week. Three hours credit. Elective for Seniors who have had course 5 or equivalent.

Altamira, *Historia de la Civilización Española*; Pérez Galdós (Alvarez Quintero), *Marianela*; Pereda, *Peñas Arriba*.

Fitzmaurice-Kelly, *Historia de la Literatura Española*; Calderon, *La Vida es Sueño*; Cervantes, *Don Quijote de la Mancha*.

## SCHOOL OF ART

The School of Art was established in 1909, but since the organization of the college in 1887, courses in Art have formed an important part of the college curriculum. In the year 1909, the college was formally organized into Schools, and the Department of Art became the School of Art.

### COURSES OF STUDY

The following courses of study are offered in Art.

*Regular* course leading to a Diploma in Art.

*Regular* course leading to the degree of Bachelor of Arts in Education.

*Regular* course leading to degree of Bachelor of Arts in Education, in which the Art elective is shared by the elective in Music.

*Regular* course elective in the College, counting towards the degree of Bachelor of Arts.

*Regular* course required of students in Household Economy.

*Studio* courses.

### ART ELECTIVE IN THE COLLEGE

**A 1.** Two studio periods, two hours each; one lecture period, one hour; three hours credit.

Art work may be taken as an extra in Freshman and Sophomore years, the schedule and the amount of work already undertaken permitting. This extra, if undertaken, includes drawing, water color, and design. Lectures on the history of painting, illustrated with stereopticon, form a part of the course.

**B 1.** The same subjects further developed.

Two studio periods, two hours each; one lecture period, one hour; three hours credit.

**C D 1.** Two studio periods, two hours each; one lecture period, one hour; three hours credit.

Drawing consists of exercises calculated to develop the form sense with some skill of expression. Open to Juniors and Seniors in the college.

Water color from plants and flowers. Freehand Perspective, Design with practical application to some craft.

Lectures on history of art, assisted by stereopticon pictures. This course includes in the first term, the rise and significance of Christian art from its development to its decline during the Italian Renaissance.

The second term includes French and Spanish painting.

D 1. Two studio periods, two hours each; one lecture period, one hour; three hours credit.

Drawing from plants. Freehand perspective.

Design and its application to some craft.

Lectures on history of painting assisted by stereopticon pictures. This course includes the art of the Netherlands and Germany during the first term and that of England and America during the second term.

A course of lectures on the history, philosophy, and the appreciation of art, conducted jointly by the Professor of Art, the Professor of History and the Professor of Education, may be elected without studio practice.

One hour a week. One hour credit.

#### **REQUIRED ART COURSE FOR STUDENTS IN HOUSEHOLD ECONOMY**

Students electing household economy must have had high school drawing or its equivalent. When such credit cannot be offered the pupil will be required to take art work as a condition which must be discharged by the close of the first term.

A 2. Drawing from symmetrical objects in out-line and in values, development of form sense and appreciation of light and dark

Elementary design, defining use of natural forms to patterns.

Elementary water color from plants and flowers for the study and use of color, together with arrangement in spaces.

A student in domestic science who is discovered to have a natural disability for the acquirement of art technique, may after the expiration of the Freshman year be carried in a special art class, the expectation being that she will receive through especially adapted study of the principles and examples, an equivalent educational result. The instructor will determine whether the student should continue in the regular technical course as outlined below, or should be permitted to enter a course less technical in its nature to be designated as BS 2, CS 2, DS 2.

Students who do not successfully complete the regular technical course will be entered in the college records as not eligible to a teaching position in which art is expected.

Two periods, two hours each, per week.

B 2. Drawing from casts. Water Color, Design and its application to practical usage.

Two periods, two hours each, per week.

**C 2.** Drawing from casts, water color, design applied to embroidery; as the work of this class advances it is directed towards the special needs of Costume designers for whom critical judgment of form and color are essential to success. Required of students in Domestic Art only.

Three periods, two hours each, per week.

**D 2.** Drawing from life, water color, designs applied to embroidery. Application of the principles of art to home decoration, study of period styles in furniture.

Two periods per week in studio, two hours each, one lecture period.

---

### STUDIO COURSES.

These courses may be followed by students desiring specific art study without obligations to the regular courses such as examinations, regular attendance, academic studies or previous preparation. The instruction aims at giving thorough professional training, but no official recognition or certificate is given in connection with it.

Pupils are permitted, however, to take examinations, and their grade is recorded. It is accordingly possible to claim credit towards future graded work should the desire arise.

In these courses, somewhat as in the courses of drawing A 1, B 1, etc., the work is progressive, graded according to the skill required, and the designation, (e. g. S 25) does not imply that Sophomore and Senior work is all included in one class. Students will be classed according to the grade of work done.

Studio pupils are not limited to the hours prescribed but are permitted to specialize.

Students may enter studio classes at any time for a period of not less than a half term. Tuition charges will be reckoned from the date of entrance.

---

### COURSES OF INSTRUCTION

*The enumeration and description of the studies which follow are not accompanied by a statement of hours as these differ with each course. The tabulated courses should be consulted to ascertain the credit assigned.*

#### **A S 3.\* Form Study.**

This work includes the first steps necessary in the development of the form sense. The appreciation of direction, balance proportion and values is awakened through exercise in line, and light and dark.

MISS TROY, MISS BUTLER

**A S 4. Freehand Perspective.**

This study teaches the principles which underlie sketching from nature and from still life. The training of the eye to distinguish appearance from fact, and of the hand to skillful delineation of either are necessary steps to pictorial expression.

MISS TROY, MISS ROMAN, MISS BUTLER, MISS WRIGHT

**B S 4.**

Advanced practice in perspective, sketching from nature.

MR. W. WOODWARD

**A S 5. Cast Drawing.**

The cast model is used to overcome the first difficulties of drawing, and of light and shade. Careful discipline is given in line and proportion, in the delineation of ornament and of the human head and figure, and in the relative values of light and shade.

MISS ROMAN, MRS. SMITH, MISS WRIGHT, MISS SHREER

**B S 5.**

In the advanced grade the principles and methods are the same. The human head and figure are the special subject of study.

MR. W. WOODWARD

**A S 6. Elementary Water Color Painting.**

Admission is granted to the painting classes at the outset in the student's development, in the belief that the training of the color sense should accompany that of form.

Plants, flowers, etc., are painted on a white ground with careful reference to drawing and arrangement within given space.

**B C D S 6. Water Color Painting.**

Advanced water color takes up the pictorial problem. Still life and flowers are studied with reference to light and shade, perspective, textures, modifications by juxtaposition. Landscape painting is included in fourth year course, which may be elected instead of oil painting.

MRS. SMITH

**C D S 7. Oil Painting.**

This course is essentially similar in method and aim to C 6.

**Design.**

The study of Design is considered important in the education of all art workers, but for the decorator it becomes fundamental. Instruction is based upon the study of drawing, color, plant forms, historic and contemporary ornament. The pupil is taught to observe the forms and colors of plants, trees and landscapes, recognize the influence of locality in the development of artistic expression.

**A S 8. Elementary Design.**

The elementary principles which underlie pattern are developed parallel with handskill, using paste, paper and cardboard. Simple book and portfolio construction are finally united in design application.

MISS TROY, MISS ROMAN

**B S 8. Theoretic Design.**

This class treats exclusively the problems of pure design as they arise in patterns of form and color.

MRS. SMITH

**C S 8. Advanced Design.**

Applicable in book decoration, jewelry, pottery; china painting, bookplates, lettering, posters.

**D S 8. Advanced Design.**

Continues application of Design as above. The purpose is to prepare skilled designers for the needs of industry.

MR. E. WOODWARD

**C D S 9. Life Drawing.**

Drawing and painting from life is conducted from the costumed model. Prolonged and serious studies are interspersed with rapid sketches from models in short poses.

MR. W. WOODWARD

**A S 10. Mechanical Drawing.**

Elementary constructive drawing from measurement, drill in the use of T-square, angles and various scales.

The latter part of the course includes the designing of simple furniture.

MR. E. AND MR. W. WOODWARD

**B S 10. 1\*—Orthographic Projection; 2\*\*—Mechanical Perspective.**

\*Orthographic projection with oblique sections, penetrations and developments.

\*\*Mechanical perspective.

MR. W. WOODWARD

**S 11. Pictorial Composition.**

On Friday afternoon the entire school is assembled for instruction in pictorial composition. Each pupil contributes a study that has been completed independently, during the week. These are exhibited together and criticised for the benefit of all.

MR. E. WOODWARD

**A S 12. Picture Study.**

Introduction to the appreciation of the work of modern masters. Brief notes prepared in the library, illustrated by prints under the direction of the instructor are required.

MISS BUTLER

**§ 13. History of Sculpture.**

This course is a brief outline of the history of sculpture. The controlling circumstances and the artistic content are examined and explained. Appreciation is a special aim. Text-book: *Reinach's Apollo*. The stereopticon lantern is a constant assistant.

MR. E. WOODWARD, MISS BUTLER

**§ 14. History of Painting.**

This course gives an outline of the history of painting from the early Christian period, through the Italian Renaissance and includes French and Spanish painting. An abstract illustrated with prints is required.

Text-book: *Van Dycks' History of Painting*.

**§ 15. History of Painting.**

This course includes an outline of the history of painting of the Netherlands, Germany, England and America. An abstract illustrated with prints is required.

Text-book: *Van Dycks' History of Painting*.

MR. E. WOODWARD

**§ 16. Metal Work.**

The handicraft of working copper is taught under a reasonable requirement as to drawing and design.

Practical and effective objects such as bowls, buckles, pin trays, paper knives, spoons, etc., are subjects for class instruction.

In the advanced grades the precious metals are employed. Jewelry forms and stone setting are developed and the pupil put in possession of an artistic craft, capable of pursuit as a vocation. MISS BUTLER

**§ 17. Pottery Decoration.**

The course of instruction leading to pottery decoration includes drawing, painting and design. These studies, pursued in the art school, prepare the pupil to take up easily and naturally the practical work of applied decoration. As soon as a proper standard of excellence is attained, the work of the pupil is purchased. When instruction is no longer necessary, the payment of fees is remitted and the designer continues on a basis of independent production. It has been shown that those possessing aptitude for design, may, in this way, be enlisted in the development of art and in their work find profit and reputation.

MISS SHEERER

**§ 18. Pottery Making.**

The following course aims to acquaint the pupil with processes of pottery making and prepare her to conduct a studio pottery as well as teach the subject.



Those who elect to complete the course with this object in view will be required to take freshman chemistry.

It is permitted, however, that the course be undertaken without chemistry and in a purely experimental way; in this case no credit will be given beyond that given as an elective in a regular art course.

The first year of this work is also permitted as an elective for the pupils of the regular course of the Art school. When thus given it is regarded as an educational introduction to the subject. A second year of an advanced grade of similar work is offered. The credit given counts towards the diploma in art.

### **§ 19.**

#### **FIRST YEAR.**

Designing of vase forms; making of forms by coiling; modeling and turning, making of simple glazes and their application, use of kiln.

### **§ 20.**

#### **SECOND YEAR.**

The same continued. Theory of Ceramics; testing and preparing clay for bodies; burning of body tests; composition of raw, clear and color glazes; their alterations, blends and defects; matte glazes, ceramic calculation.

### **§ 21.**

#### **THIRD YEAR.**

Theory and Practice continued.

A fee will be charged to cover cost of materials and fuel.

MISS SHEERER

### **§ 22. China Painting.**

China Painting may be undertaken as a specialty by those qualified in drawing and design.

Applicants not yet prepared are required to follow the classes designed to prepare for this work.

A fee covering the cost of fuel and use of kiln will be charged pupils carrying on work in excess of class exercises.

MISS SHEERER

### **§ 23. Embroidery.**

Embroidery is taught as a practical application of design. The study of design and color must precede and accompany this elective.

The course is designed to lead to professional practice.

MRS. SMITH

**S 24. Weaving.**

Several looms are installed in connection with this handicraft. In rug weaving, towards which this work is most advantageously directed, there is endless opportunity for the designer in color.

MRS. SMITH

**A S 25. Bookmaking.**

This work is included in the freshman year of the full course under the general title of elementary design. It comprises the principles and processes which may be successfully carried on without special equipment. The problems are boxes, portfolios, desk pads, note, scrap and guest books, etc.

The course may be elected by studio pupils.

MISS TROY

**S 26. Bookbinding.**

An opportunity is here offered to students wishing to specialize and follow bookbinding as a vocation. The course includes drawing and design, lettering and page compositions, mending, binding of magazines, rebinding of old books in cloth, part leather, full leather, gold and blind tooling.

The workshop is fully equipped with all necessary machinery and apparatus.

MISS TROY

**S 27. Library Binding.**

This class is especially interesting to Librarians and those interested in the mending and rebinding of books. The work may be undertaken without art preparation.

The workshop is equipped with all necessary machinery and tools.

MISS TROY

**Education C S 28. Handicraft for Elementary Grades.**

Two hours per week. One hour credit.

This course deals with those typical forms of art work which are practical in the first six grades of the elementary school. It includes simple phases of paper and cardboard construction, weaving, basketry, the application of design to these projects, and their relation to nature study, geography, history, art, literature and other subjects.

MISS TROY

**Education D S 29. The teaching of Drawing and Handicraft in Elementary and Secondary Schools.**

Two hours per week. One hour credit.

The place of Drawing and Handicraft in education; relative to other studies, to community interests; development of lesson plans; organ-

ization of courses of study for various types of schools; use of chance material and study of amount, kind and cost of materials and equipment.

Prerequisite or parallel Education C.

MISS TROY

### **§ 30. Figure Drawing From Life.**

Students of advanced design are taught to use the human figure in connection with practical problems in composition.

MR. E. WOODWARD

### **§ 31. Plant Forms.**

Design is based upon natural forms. An appreciation of beauty as well as practical knowledge of construction and method of growth are developed by accurate drawing of plant forms. MRS. SMITH

### **§ 32. Interior Decoration.**

This subject falls under two heads. The first is developed as a cultural study relating to the principles which underlie a harmonious home setting and the solution of practical difficulties that arise in house furnishing.

The study of period styles enters into this course. Parallel reading is required.

One hour each week.

**§ 33.** The second division of the subject includes the first and continues with those studies calculated to fit the student for vocational work. The course includes: Form study, water color, free-hand and mechanical perspective, constructive drawing to measurement and scale and design.

MR. E. WOODWARD

### **ADVANCED WORK FOR GRADUATES IN DIPLOMA ART COURSE**

The graduate work following upon four years of exclusive art work, for which a diploma has been granted, may be regarded as professional work. The student is allowed to elect a specialty and pursue it uninterruptedly for two years. Two auxiliary studies are usually advised. For example, if design be elected as a major, drawing and painting in some form supplement the choice. If painting from life be the major, design, theoretical and applied, is taken as minor study.

As no official recognition is given this work, no examinations are held, and no stated time required.

Tuition is given free for continued study of art, for a period of two years, to graduates of all regular four year art courses.

N. B. Announcements of the courses open to graduates in Art are made in the bulletin of the Graduate Department.

## SCHOOL OF MUSIC

The School of Music of the H. Sophie Newcomb Memorial College, of the Tulane University of Louisiana, was established in 1909. In accordance with the general plan of the college administration the School of Music was placed upon a standard of excellence equal to that maintained by the other affiliated schools of Newcomb College. The high requirements for admission to regular courses, the advanced grade of the studies, and the efficient corps of instructors with the best European and American training and experience, enabled the School immediately to take high rank among the music schools of America.

In January, 1911, the courses of the School of Music were opened to young men, in response to an increasing demand from male students for the grade of instruction which the School offered. The admission of men was a departure from the previous policy of Newcomb College, except in graduate classes, but seemed to be justified by the demand already evidenced, and by the absence of facilities for music study by the men of Tulane University. It was also recognized that in many branches of music study, especially those connected with ensemble work, the presence of both men and women was a necessity in order to obtain the best results.

The aim of the School is to furnish superior facilities for the study of music in all its branches. Extended practical and theoretical courses are offered: first, to regular students, who expect to follow music as a profession, either as composers, performers, teachers, or critics; second, to college students, who desire to study composition, musical history, or appreciation as elements of a liberal education; third, to special students who wish to become proficient in one or more branches of music.

---

### REQUIREMENTS FOR ADMISSION

*As Regular Students.* For requirements for admission of women see page 44.

*As Special Students.* For requirements for admission see page 200.

For requirements and schedule of entrance examinations for male applicants see page 180.

The following courses of study are offered to men and women alike:  
**Regular Course leading to the Degree of Bachelor of Music.**  
(*See page 196*).

**Regular Public School Music Course leading in two years to a Teacher's Diploma in Public School Music, or in four years to the Degree of Bachelor of Arts in Education.** (*See pages 194, 191*).

**Combined Course in Public School Music and Art.** (*See page 195*).

**Studio and Special Courses in one or more subjects leading to Certificates.** (*See page 248*).

**Courses for Teachers.** (*See page 248*).

**Courses for Academic Students Counting towards the Bachelor of Arts Degree.** (*See page 224*).

Women students in regular courses will take the required academic studies in Newcomb College.

Men students in regular courses will take the required academic studies in the College of Arts and Sciences, Tulane University.

---

### **COURSE LEADING TO THE DEGREE OF BACHELOR OF MUSIC**

The course leading to the degree of Bachelor of Music is intended for students who desire the basic training required for thorough musicianship. The course of study is planned for a minimum of four years and requires the satisfactory completion of 60 college hours, exclusive of physical training, in which all students must take 2 hours a week each year. A student desiring more time for practical study than is possible in the four-year course may plan to complete the course in five or six years.

Soon after entrance the natural musical ability of each student will be tested by a committee of the faculty and he will be advised concerning the probabilities of future success in the musical profession.

A candidate for graduation must show technical proficiency in one branch of practical music, the study of which has been pursued through at least four years; must be able to play accompaniments of medium difficulty on the pianoforte; must have satisfactorily completed all the required musical and academic subjects in the prescribed course of study; must give evidence of a fair reading knowledge of two modern languages other than English; and must have pursued for two years certain studies chosen with the expectation of future specialization in teaching, composing, concert performance, or work in musical criticism and the literature of music.

Before graduation each candidate for the degree will be expected to give a public recital, or to present a satisfactory original composition for voices and orchestra or an original essay representing careful investigation of a musical topic chosen at the beginning of the Senior year after consultation with the Director of the School of Music.

Credit toward the degree will be given for all work of equivalent grade in other colleges and reputable schools of music, but examinations in each subject may be demanded at the discretion of the instructor. No degree will be granted except after at least two years of residence.

For detailed course of study, see page 196

---

### **COURSE IN PUBLIC SCHOOL MUSIC**

*Course Leading to the Degree of Bachelor of Arts in Education.* A four years' course is offered in conjunction with the department of Education, intended for students who wish thorough preparation in the teaching and supervision of music in the public schools. The course includes the educational and academic subjects necessary for all public school teachers, and also provides a good fundamental training in music.

*Course Leading to the Teacher's Diploma in Public School Music.* The course in Public School Music has been so arranged that students who find it impossible to spend four years in college may, at the end of two years, receive a diploma and will be permitted to assume positions as teachers of music in the public schools.

Although no work in practical music is required in the course, every candidate for the degree or certificate will be expected to be able to sing simple songs acceptably and to play easy piano accompaniments. Some study of singing and piano-playing will thus be presupposed.

For detailed course of study, see page 194.

---

### **COMBINED COURSE IN PUBLIC SCHOOL MUSIC AND ART**

To meet the demand in many communities for public school supervisors of both music and art, a combined course is offered, leading in two years to a diploma, and in four years to the degree of Bachelor of Arts in Education.

For detailed course of study, see page 195.

### **STUDIO COURSES**

*Courses Leading to Special Certificates.* A student not wishing to pursue a full graduating course may enter any class for which he is qualified. Each student is expected to attend the Recital Class. A free class in the Elements of Theory meets one hour a week and a free class in Elementary Solfeggio meets two hours a week throughout the year for the benefit of students of piano, voice, violin or other branches of practical music. Attendance is required unless the student is excused by the Director with the instructor's consent.

A studio student who has done advanced work of superior quality in some branch of music and has accomplished satisfactorily the work of the Recital Class, Elements of Theory and Elementary Solfeggio will, upon recommendation of the instructor and approval by the faculty of the School of Music, be granted a certificate designating the character, grade, and quality of the work accomplished in either theoretical or practical music.

---

### **COURSES FOR TEACHERS**

Special classes in any subjects offered by the School will be formed upon application of at least ten persons who are actively engaged in teaching and who are qualified to enter the classes for which application is made. These classes will meet Saturday mornings or at hours convenient to the applicants and instructors. The work accomplished will be credited toward a certificate from the School of Music. The fees may be learned upon application to the Director.

---

### **COURSES FOR A. B. STUDENTS**

See announcement, Page 224.

## OUTLINE OF COURSES

### THEORETICAL AND HISTORICAL COURSES

*These courses are open to men and women alike. Whenever the size of the classes permits, separate divisions for men and for women will be formed.*

### THEORY, HARMONY, AND COMPOSITION

PROFESSOR MAXWELL

PROFESSOR FERRATA

INSTRUCTOR GOLDSTEIN

PROFESSOR LYON

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL"  
STUDENTS:

#### A 1.\* Elements of Theory.

Two hours a week. One hour credit. (First half-year).

A study of notation, scales, signatures, meter, accent, rhythm, marks of expression, intervals, triads, cadences, and a brief consideration of the principal vocal and instrumental forms.

This course or its equivalent must precede all other courses in composition. It should be taken in connection with Course A 3.

Text-book: H. B. Maryott, *Musical Essentials*.

MISS PARKER

#### A 8.\* Acoustics. Physics.

One hour a week. One-half hour credit. (First half-year).

Lectures and demonstrations. Required of all Music Students in regular courses, in connection with A 1 Theory. MR. LYON

#### A 12.\*\* Elementary Harmony.

Three hours a week. One hour and a half credit. (Second half-year).

Continuation of Course A 1.

Scale tones and their tendencies. Triads and their inversions. Harmonization of melodies, given and original, by means of the most useful triads and the dominant seventh chord. Tone and chord perception. MR. GOLDSTEIN

#### B C 2. Advanced Harmony.

Three hours a week. Three hours credit.

The seventh and ninth chords, modulation, altered chords, non-harmonic tones. Analysis. Three and five-part harmony. Melody and accompaniment figuration. The figured chorale. Composition ap-



plied to the elementary song and dance forms. For students who have taken Courses A 1 and A 12 or their equivalent.

Text-book: Chadwick, *Harmony*.

MR. GOLDSTKIN

**C D 4. Counterpoint.**

Three hours a week. Three hours credit.

An application of the principles of harmony is made in combining two, three, or four distinct melodies in strict and free forms. The student must have completed Course B C 2 or its equivalent.

Text-books: Goetschius, *Applied Counterpoint*, Bach, *Two and Three Part Inventions*, *Well-Tempered Clavichord*, and *371 Chorales*.

MR. MAXWELL

**D 5. Canon and Fugue.**

Two hours a week. Two hours credit.

Continuation of Course CD4, which is a prerequisite, with special emphasis upon the composition of canons in various intervals and single and double fugues.

MR. MAXWELL

**D 6. Free Composition.**

Two hours a week. Two hours credit.

In this course practice is given in original composition in various forms. The student must have shown decided musical talent in Courses B C 2 and C D 4 or their equivalent.

MR. FERRATA

**D 14. Instrumentation and Conducting.**

Two hours a week. Two hours credit.

A study of orchestral instruments and their effects singly and in various combinations is made. Assigned compositions are scored for orchestra and important orchestral works are analyzed. The principles of conducting are explained and opportunities for practice are given.

The student must have completed course C D 4 or its equivalent.

MR. FERRATA, MR. MAXWELL

**D 15. Analysis.**

One hour a week. One hour credit.

Representative compositions in the principal musical forms are analyzed with reference to the composers' use of the harmonic material and of the formal elements. Some attention is given to ear-training and dictation.

MR. MAXWELL

**FOR "STUDIO" STUDENTS:**

**S 32. Elements of Theory.**

One hour a week.

A separate division of Course A 1, is formed for studio students of practical music. The object of the instruction is to give each student the elementary musical knowledge usually acquired slowly in the

individual lesson. Both instructor and pupil are thus enabled during the private lessons in piano, voice, violin, etc., to give their entire attention to technique and interpretation.

MISS PARKER

*Private lessons in any theoretical subject may be arranged upon consultation with the Director.*

### **SOLFEGGIO**

**(Sight-Singing, Ear-Training, Musical Dictation.)**

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL"  
STUDENTS:

#### **A 3. Solfeggio, Elementary.**

Five hours a week. Two hours and a half credit.

No outside preparation required.

This course includes both sight-singing and ear-training. Constant drill is given in singing intervals and scales from the simplest diatonic progressions with no rhythmic difficulties to wide skips within the key, with accidentals, simple modulations and rhythmic variety. Much practice is given in reading at sight simple one- and two-part songs. By carefully graded dictation, the ear is trained to recognize intervals and simple triads in all positions, and the student is enabled to write from dictation melodies containing rhythmic difficulties and simple modulations.

Text-book: Cole and Lewis, *Melodia*.

#### **B 10. Solfeggio, Intermediate.**

Two hours a week. Two hours credit.

A continuation of Course A 3. Special stress is laid upon chromatic intervals and difficult rhythmic passages. Constant sight-reading of choruses in one, two and three parts. Harmonic ear-training and dictation.

Text-book: Cole and Lewis, *Melodia*.

#### **C 13. Solfeggio, Advanced.**

One hour a week. One hour credit.

The object of this course is to give additional practice in applying the knowledge of tonal and rhythmic difficulties studied in Courses A 3 and B 10. Difficult solfeggi, songs and choruses are read at sight and harmonic ear-training and dictation are continued.

## FOR "STUDIO" STUDENTS:

**S 34. Solfeggio, Elementary.**

Two hours a week.

A separate division of course A 3 is formed for studio students of practical music. The object of the course is to provide ear-training and sight-singing without making requisition upon the time assigned to the private lesson.

*Private lessons in Solfeggio may be arranged upon consultation with the Director.*

---

**HISTORY AND APPRECIATION OF MUSIC**

PROFESSOR MAXWELL

**FOR REGULAR AND FULLY QUALIFIED "SPECIAL,"  
STUDENTS:****B S 7. General History of Music.**

Two hours a week. Two hours credit.

The history of music is traced from the earliest records to modern times with special emphasis upon the period from Palestrina to the death of Wagner. The lectures and recitations are illustrated by musical works of the period under consideration. The illustrations are given by the instructor, the student, or by means of a mechanical instrument. A large amount of outside reading and frequent themes are required. There is no prerequisite for this course.

Text-books: Dickinson, *Study of the History of Music*; Parry, *Evolution of the Art of Music*.

**C D 11. Special Studies in History of Music.**

Three hours credit.

Limited periods or special phases of development in music history are assigned according to the desire and needs of the student. Weekly conferences with the instructor, detailed weekly reports, and frequent themes are required. For students who have satisfactorily completed Course B S 7 or its equivalent.

**A S 8. Appreciation of Music.**

Two hours a week. Two hours credit.

The aim of this course is to develop intelligent listeners. By means of lectures with musical illustrations, outside reading, written and oral criticisms, and practice with a mechanical instrument, the student is made familiar with important works of musical literature, the

principles underlying them, and their place in musical development. So far as possible the course is made practical by the analysis of works performed in local concerts. There is no prerequisite, but the student must be able to distinguish between different melodies and it is desirable that he have the ability to follow printed music.

## **PUBLIC SCHOOL MUSIC**

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL"  
STUDENTS:

### **B C D 9. Methods in Public School Music.**

Three hours a week. Three hours credit.

The constantly increasing importance of music in the public school curriculum has created a demand for well-equipped supervisors and teachers of music. It is the object of this course to point out the true place and purpose of public school music and to consider the various good methods of teaching music to children in all grades of the public schools.

The student is required to teach each problem before the class, under supervision of the instructor. Frequent visits to music classes of the public schools are also required.

A special study is made of the system of books in use in Louisiana, but the student is also made familiar with all other important books and materials bearing upon school music instruction. Special students who have not studied Psychology and Pedagogy are expected to do a prescribed amount of reading in these subjects.

Before entering this course the student should be familiar with the rudiments of music and be able to sing at sight. Courses A 1 and A 3 or their equivalents should, therefore, precede this course, but may, with the approval of the instructor, accompany it. The course is open to special students in 1918-19.

### **D 16. Methods in Public School Music, Advanced.**

One hour a week. One hour credit.

A study of various problems in public school music teaching, with special attention to work in the High School. Methods of organizing and conducting school choruses, glee clubs, orchestras, and classes in appreciation, harmony, etc., and school credits for private work in practical music are considered. Observations of actual class work in music and practice teaching are also required.

**A 29. Observation of Classes in Public Schools.**

One hour a week. One hour credit.

In order that the student may be prepared to observe actual class work in music intelligently, the first half-year's instruction will be a general discussion of school room methods from the teacher's standpoint. During the second half-year the student will be required to spend at least one hour each week in the public schools. A theme describing the school visited and the work observed must be passed to the instructor for comment and criticism.

---

**CHURCH MUSIC**

PROFESSOR MAXWELL

INSTRUCTOR DRUDDING

**D 17. Choir-Training.**

One hour a week. One hour credit.

The following topics are considered: the chorus choir; the boy choir; the quartet choir; selection, care, and training of voices; problems of choir management; the music of the church, including the hymn, anthem, chant, cantata, oratorio, etc.; organ music in the church service; use of other instruments; relations of the organist and choirmaster to the minister and the congregation. MR. MAXWELL,

**D 18. Gregorian Music.**

One hour a week. One hour credit.

A study of plain song, accompanied and unaccompanied, as used in the Roman Catholic ritual is made. Open only to advanced organ pupils, who have made a thorough study of Harmony.

MR. DRUDDING

---

**OUTLINE OF COURSES IN PRACTICAL MUSIC**

*These courses are open to men and women alike. Except in Ensemble and Recital Class (Courses S 27 and S 28), however, instruction will be given privately or in small classes of women or of men alone.*

**PIANOFORTE**

PROFESSOR FERRATA

INSTRUCTOR GOLDSTEIN

INSTRUCTOR WEDDELL

INSTRUCTOR PARKER

INSTRUCTOR ROESCHNEIDER

**S 21. Pianoforte.**

No definite course of study is followed, but a careful selection of exercises and compositions is made according to the need of the individual student. As a basis for grading, however, the "Standard

Pianoforte Course," adopted by the Louisiana Music Teachers' Association, will be used. The course follows:

MR. FERRATA, MR. GOLDSTEIN, MISS WEDDELL,

MRS. ROESCHNEIDER

### **§ 30. Pianoforte Sight-Playing.**

One hour a week. One hour credit.

Practice in playing at sight is given in classes, progressing from elementary pieces through the sonatas of Clementi, Haydn, Mozart, etc., to more difficult compositions. To enter this class a technical proficiency in piano playing equivalent to Grade VI.

MR. FERRATA

### **§ 35. Pianoforte Repertoire and Interpretation.**

One hour a week. One hour credit.

Great pianoforte compositions will be played in class by the students and the instructor. Suggestions concerning the best interpretations of the work and advice in mastering difficulties will be given. This class is intended only for pianists with considerable technical facility, since each student will be expected to play when requested. Open in 1918-19, if at least five students apply. MR. FERRATA

### **CDS 33.\*\* Normal Course for Pianoforte Teachers.**

One lesson a week. (Second half-year.) One-half hour credit.

The course is planned to meet the needs of: first, prospective teachers without teaching experience, and unacquainted with the principles involved; second, teachers requiring more complete and exact knowledge of pianoforte teaching methods than their experience has given them. Special emphasis will be placed on the important subject of elementary foundation teaching.

The following subjects will be considered:

The development of the elementary phases of pitch, pulsation and duration with their expression singly or in combination, both vocally on the staff and pianistically.

The first steps in ear training and solfeggio.

Developing of musical memory.

Elementary technical exercises.

MISS PARKER

---

## **VOICE**

PROFESSOR MAXWELL

INSTRUCTOR WESTBROOK

### **§ 22. Voice.**

In general the instruction aims to follow the old Italian "bel canto" school of singing, but good features of other schools are also introduced. The student is required to obtain a strong technical founda-

tion, breath control, a well-placed tone, pure intonation and attack, etc., before songs are taken up. In the preparatory work such exercises as those of Sieber, Marchesi, Concone, and Vaccai are used. The ability of the pupil determines the time when the study of songs begins. Songs and arias by great song and opera composers are selected according to the voice and temperament of the student, standard renderings are shown, and then the pupil is encouraged to work out his own interpretation. The student is required to memorize all songs studied.

MR. MAXWELL, MRS. WESTBROOK

**D S 31. Song Repertoire and Interpretation.**

One hour a week. One hour credit.

Masterpieces of song will be studied with special attention to standard interpretations, diction, and the union of poem, vocal melody, and piano accompaniment. The historical background of important songs and their place in relation to music and literature will be considered and various methods of program-making discussed. This course is primarily intended for (1) singers far enough advanced to overcome the technical difficulties of the songs studied, (2) pianists who wish to make a specialty of song accompaniment, and (3) active or prospective teachers of singing. Each student is required to take an active part in the class meeting, either by actual performance or in discussion. Open in 1918-19, if at least five students apply.

MR. MAXWELL, MRS. WESTBROOK

---

**VIOLIN**

INSTRUCTOR SCHUYTEN

ASSISTANT BREAZEALE

**S 23. Violin.**

Before beginning the study of violin the pupil should know the elements of music, viz., scales, keys, pitch-names, rhythm, etc. (*For detailed outline, see Special Bulletin of the School of Music.*) Parallel to these courses the special student is advised to study theory, harmony, and solfeggio.

---

**ORGAN**

INSTRUCTOR DRUEDING

**S 24. Organ.**

To begin the study of organ an elementary knowledge of piano-playing is required. Special students of the organ are also advised to follow a course in harmony in connection with the work on the instrument. (*For a brief outline of the plan of the course, see Special Bulletin of the School of Music.*)

See also courses under "Church Music," page 254.

**VIOLONCELLO**

INSTRUCTOR FINCK

**§ 25. Violoncello.**

A course of study in nine grades, approved by several European conservatories, will be followed. (*For detailed outline, see Special Bulletin of the School of Music.*) Collateral studies in theory, harmony, solfeggio, sight-playing, transposition, and ensemble-playing, are required for the completion of the course.

---

**ORCHESTRAL INSTRUMENTS****§ 26. Woodwind, Brass and Percussion Instruments.**

Instruction is offered upon demand in woodwind, brass and percussion instruments used in symphony orchestras. In connection with these courses training in orchestral routine is given and practice in orchestral ensemble required.

(Instructors to be appointed)

---

**CHORUS, ORCHESTRA AND OTHER ENSEMBLE CLASSES****§ 27. Ensemble Classes.**

Students in all departments of practical music are required to join the classes in Ensemble when technically capable. The classes take up many varieties of work for different combinations of instruments and voices. Students of piano are given practice in the accompaniment of voices and other instruments as well as in four and eight-hand playing. Students of voice are trained in duets, trios, and quartets, in addition to chorus practice in College organizations. Students of stringed and wind instruments are instructed in chamber music and orchestral routine.

During the session of 1918-19, in addition to special classes in Ensemble organized at the discretion of the instructors in practical music, the following classes will meet regularly:

**§ 27-a. University Chorus.**

One hour a week. One-half-hour credit.

A mixed chorus, composed of Newcomb and Tulane students, faculty and other interested singers, meets one night each week (holidays excepted) from November to May, for the rehearsal of a selected oratorio or other important choral work. A public concert with soloists and orchestra is held early in May. Students of the School of Music are expected to become members and other singers will be accepted.

MR. MAXWELL



**§ 27-b. Orchestral Class.**

One meeting a week. One half-hour credit.

The object of this class will be threefold: 1) to give practice to instrumentalists in orchestral ensemble and sight-reading; 2) to analyze various musical forms, and to make the student familiar with the standard orchestral literature; and 3) to enable students of composition to hear their works performed.

The parts for instruments not represented in the class may be supplied at rehearsals by an harmonium.

An opportunity is offered to sufficiently advanced students of orchestral instruments, who are not under the private instruction of teachers connected with the School of Music, to join this class.

MR. SCHUYTEN

**§ 27-c. Violin and Piano Sonata Class.**

One hour a week. One half-hour credit.

Advanced students of violin and piano meet regularly for the practice of standard sonatas.

MR. SCHUYTEN

---

**STUDENT RECITALS****§ 28. Recital Class.**

One half-hour credit.

Weekly recitals of about one hour's duration are given by members of the faculty, advanced students of the School, and other musicians. The aim of these recitals is to furnish frequent opportunity for students to appear in public, and to enable them to hear a great deal of good music and to become familiar with famous composers and their works. All students of the School of Music are expected to attend these recitals and to keep note-books containing the programs, supplemented by personal criticism. These note-books must be held ready for inspection by the Director whenever called for.

Admission to the recitals is free to students of the School of Music.

**ACADEMIC COURSES REQUIRED OF REGULAR STUDENTS**

Women students in regular courses take the required academic courses in Newcomb College.

Men students in regular courses take the required academic courses in the College of Arts and Sciences. (*For description of courses see announcement of College of Arts and Sciences.*)

---

**SYSTEM OF INSTRUCTION**

Instruction in the theoretical, historical, and academic courses is given entirely in classes by means of lectures and recitations. By

special arrangement a student unable or not wishing to attend the regular classes at the schedule hours may have private lessons in the theoretical courses. The fees and hours for private lessons may be learned upon application to the Director.

Instruction in practical music is individual.

Classes of two or three for half-hour lessons may be formed for the benefit of those who cannot pay the regular fee for individual instruction.

Classes in Practical Music containing both men and women students (except in Ensemble and Recital Class) are never formed.

---

### PRACTICE

Practice rooms with pianos are provided in the music buildings and, except when special arrangements are made, all students are required to practice regularly in these rooms under the direction of the Supervisor of Practice.

Regular practice hours are assigned to each student, and she is required to report to the Supervisor of Practice at the beginning and end of each period. If any deficiency is found in an instrument it must be reported at once to the Supervisor. Otherwise the student using the instrument immediately before the discovery of the deficiency will be held responsible.

The college organ is available for practice by students of the organ.

---

### CONCERTS, RECITALS, AND LECTURES

Public concerts and recitals are given at frequent intervals by visiting artists, members of the faculty, and advanced students. Lectures by authorities on musical topics are also occasionally arranged for the benefit of music students. These concerts, recitals, and lectures, are given under the auspices of the School of Music, and admission is free to students.

During the past year (1917-18), a performance of Grieg's "Olaf Trygvasson" and Massenet's "Eve," by the University Chorus assisted by three soloists, a graduating piano recital and twenty-four afternoon recitals have been given. (*For list of recitals and concerts, composers and performers, see special bulletin of the School of Music.*)

---

### CONSERVATORY ADVANTAGES

Private instruction with the advantages of class stimulus.

Free classes in Elements of Theory and Elementary Solfeggio and consequent saving of time in private lessons.

**Weekly recitals with free admission and the opportunity to hear and understand the best music.**

**Frequent opportunity for public performance when sufficiently advanced.**

**Free admission to concerts, recitals, and lectures under the auspices of the School of Music.**

**Practice in ensemble playing and singing of all kinds.**

**Participation in college organizations and activities.**

**Superior instructors of the best American and European training and experience.**

**Musical atmosphere with the stimulus of friendly competition.**

# **SCHOOL OF HOUSEHOLD ECONOMY**

## **REQUIREMENTS FOR ADMISSION**

For requirements for admission as regular students, see page 44.

For requirements for admission as special students, see page 200.

## **COURSE OF STUDY**

The School of Household Economy has as its field the arts and sciences concerned in the sanitary, economic and aesthetic aspects of food, clothing, and shelter as connected with their selection, preparation, and use by the family in the home, and the educational courses for the training of teachers of these subjects in schools of various types and grades.

In the training in household industries there develops an interest in the home that is not possible with any other school subject. This training and this interest will create better home makers. Academic culture is applied to the solving of home problems. Chemistry and biology correlate with sanitation and nutrition; physics makes plain the construction and operation of household equipment; art teaches design and beauty in clothing and house furnishing; modern language adds its mental training; English aids the student's ability to express thought, the library course trains in the use of books and in the organization of subject matter; physical education increases efficiency by attention to health; psychology and education give knowledge which enables the mother or teacher to guide the child mind; economics makes clear some principles of the world's work, and develops alertness to relationships between the outside world and the home.

Conditions brought about by the war have made clear the need for trained managers of institutions of all kinds. The National Food Administrator has called attention to the fact that women trained in home economics are finding themselves called to places of usefulness far surpassing in number and responsibility anything heretofore thought possible. Issues that demand the rarest talent and the highest scientific training await their attention.

The new College Residence offers excellent opportunity for training in institutional management, opening the way for managers of hotels, clubs, college dormitories and other institutions. Every facility for intelligent study of the operations of the College Residence, as an institution, will be afforded properly prepared students in home economics.

A course of two years leading to a diploma, and a course of four years leading to the degree of B. A. in Education, are offered. (*See page 188.*)

The required courses in Domestic Science and Domestic Art are grouped below for the four years; that is, a regular Freshman must take all subjects under the heading A I, and so on.

For tuition, *see page 185.*

## COURSES OF INSTRUCTION

### DOMESTIC SCIENCE

PROFESSOR BOYER

#### **A 1. Foods and Household Management.**

Three periods (two hours each). Three hours credit.

**a. Cookery.** Application of heat to food materials and its effect upon the proteins, fats and carbohydrates; cost of foods, building of menus.

**b. Nutrition.** Composition, food value, digestibility of foods, invalid cookery, feeding of children, economical cookery in meals, cost and caloric values of these meals worked out by students.

**c. Household Management.** Problems of housewife: Methods of buying, of cleaning, of arranging the housework, household accounts, division of income, operating expenses, management of servants, family life. Excursions to bakery, cracker factory, packing house, dairy. Half of this period given to household physics. (Physics A 7).

#### **B 2. Foods and the House.**

Three periods a week, two hours each. Three hours credit.

**a. Food Production.** Food products in relation to agriculture, manufacture, commerce, adulteration. Excursions to cotton seed oil factory, candy factory, hotel kitchens, coffee plant, various exhibits and other places where foods are handled on a large scale.

**b. Cookery.** Advanced practical work. Study and comparison of best books on subject.

**c. House Construction and Meal Service.** Building materials, costs, arrangement of rooms, sanitation, heat, light, decoration and furnishing of house. Marketing, preparation and assembling of foods in meals, a series illustrating the cookery of various nations, and of vegetarians.

#### **B 3. Theory and Practice of Teaching Domestic Science.**

Two hours a week. One hour credit.

The qualifications and preparation of the teacher; the various grades of pupils, and their needs; courses of instruction, making of lesson

plans; cost of lessons, planning of laboratory equipments, observation and teaching of lessons.

#### **C 4. Foods and the Household.**

Two periods, three hours each. Three hours credit.

a. **Experimental Cookery.** Different methods of cooking the same material, close observation of results with deduction of principles; specific local food problems.

b. **The Household.** The family, incomes and wages, standardization of homes, practical work in housefurnishing.

#### **D 5. Foods and Education.**

Six hours. Five hours credit.

a. **Dietetics.** Three hours, one-half year. Feeding of children; school lunch room; institutional management. Recitations; discussions; field work; reports.

b. **Demonstration Lectures.** Three hours, one-half year.

This course prepares students for work before classes and clubs, and affords opportunity for work with unusual foods and luxuries.

c. **Education for the Home.** Two hours, or four hours for a half year. History of the movement; contents and system of work as given in elementary, secondary, collegiate, normal and rural schools, and social settlements, both in this country and abroad. Schools are visited, equipments planned, exhibits arranged, courses of study worked out for various kinds of schools.

d. **Theory and Practice of Teaching Domestic Science.**

One hour. Built on B-3 and includes thorough practice in teaching with observations and lectures.

#### **S 6. Cookery.**

One period (two hours).

This is a brief course for students in the college of arts and sciences and deals mainly with the preparation of meals. No credits allowed.

**N. B.** Students in Domestic Science must take the required work in Art (A B 2) in the Freshman and Sophomore years, and one further course, either C 2 or D 2.

---

### **DOMESTIC ART**

PROFESSOR SHELLEY

The courses in Domestic Art provide instruction in all phases of sewing; beginning with sewing in its simplest form and leading to the making of garments, art needle work and millinery.

**A 1. Textiles and Clothing, I.**

Three periods (two hours each) a week. Three hours credit.

This course teaches the fundamental principles of hand and machine sewing; their application to undergarments, tailored waist and skirt and lingerie gown. It includes taking accurate measurements, use of patterns, choice and economical cutting of materials, fitting garments, comparison of cotton and linen fabrics for economical purposes. It aims to develop a taste for simplicity and beauty, to create an appreciation of hand work and a sympathy for the worker.

**B 2. Textiles and Clothing, II.****a. Dressmaking.\***

Two periods (two hours each) a week. One hour credit.

This course teaches the principles of design in dress, the adaption of line to the individual; simple construction lines in building a gown; color harmony; how to select colors for individuals; the principles of dressmaking, cutting, fitting, making and finishing lined gowns. Each student makes a simple gown of material suitable for informal wear. The development of individual and artistic dress is the aim of this course.

**b. Millinery.\*\***

Two periods (two hours each). One hour credit.

This course includes the construction and trimming of hats beginning with the use of foundation materials, designing and drafting patterns and copying approved models. Special emphasis is laid upon individuality. Each student designs and completes one hat of each type, buckram shape covered, straw hat on wire shape, net hat on wire shape and embroidery or lace hat on wire shape.

**c. Textiles.**

Two periods (one hour each). One hour credit.

This course includes a study of the development of primitive peoples, their simple devices used to procure food, clothing and shelter; the beginning of industries; the origin of inventions; the culture of cotton, linen, wool and silk fibres; the processes involved in preparing them and spinning them into thread; their manufacture into cloth; a brief study of the machinery used, both early and modern types; a comparison of the different kinds of cloth for economic values; making simple tests for adulterations; making charts showing mounted specimens of various materials with a statement of their widths and prices of each.

**B 3. Theory of Teaching Domestic Art. Lectures and Practice Teaching.**

One hour a week. One hour credit.

This course considers the relation of Domestic Art to education, its relation to the curriculum, the method of teaching it in schools, the planning of lessons and courses of study, and problems of cost and equipment.

**C. Costume Study, I.****C 4. Advanced Dressmaking.\*\***

One period a week. One hour credit.

This course includes a thorough study of line and color in dress, a study of the best methods of constructing and finishing gowns for formal wear, the application of same.

**C 5. Pattern Making, Drafting and Draping.**

One period (three hours). One hour credit.

This course gives practice in the drafting, cutting, fitting and designing of patterns in crinoline modelling as illustrative of fitting and drafting. All foundation patterns are drafted to measure and fitted. Shirtwaists, skirts, sleeves etc., are designed in cambric from foundation drafts; more elaborate designs are draped on the form without patterns. Pinned paper patterns are made.

**C 6. Advanced Millinery.**

One period (two hours each). One hour credit.

In this course expert workmanship and speed will be emphasized as well as artistic effects. Students will make several of each type of hat in order to acquire technical skill. Original designs will be used and copying of approved models will be permitted.

**C 7. History of Costume.**

One period. One hour credit.

This course includes a survey of costume ancient and modern. The course aims to be of use to teachers of dressmaking and costume design.

**D. Costume Study, II.****D 8. Costume Design.**

One period a week, three hours. One hour and a half credit.

This course includes the application of design and color harmony to costume, sketching of costume in pencil, ink and water color, drawing from the costumed model the adaptation of classic line to the modern dress.



**D 9. Artistic Gowns.**

One period a week, three hours. One hour and a half credit.

This course teaches draping and modelling for patterns and artistic effects, the adaptation of classic line to modern gowns, the making of artistic gowns for evening wear.

**D 10. Embroidery.**

One period a week, two hours. One hour credit.

This course aims to give the necessary stitches used in decorative art, and the application of these principles in the completed article. It considers the question of art in applied design.

**D 11. Organization and Administration of Domestic Art.**

One hour a week. One hour credit.

This course considers the place of domestic art in modern education; with the aim and various phases of the work in both America and Europe; in elementary and secondary schools, colleges, and normal training schools, manual training, technical and trade schools. The practical work includes personal investigation in various schools, giving lectures, planning and equipping departments, and planning exhibits.

## **GRADUATE DEPARTMENT**

### **FACULTY—1917-1918**

**ROBERT SHARP, A. M., Ph. D.,** President of the University.

**PIERCE BUTLER, A. M., Ph. D.,** Dean, and Professor of English.

**WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D.,** Professor of Philosophy. Emeritus.

**WILLIAM WOODWARD,** Professor of Drawing and Painting.

**ELLSWORTH WOODWARD,** Professor of Drawing and Painting.

**BRANDT VAN BLARCOM DIXON, A. M., LL. D.,** Professor of Philosophy.

**WILLIAM HENRY CREIGHTON, U. S. N.,** Professor of Mechanical Engineering.

**FREDERICK WESPY, Ph. D.,** Professor of German.

**MORTON ARNOLD ALDRICH, Ph. D.,** Professor of Economics and Sociology.

**\*WILLIAM BENJAMIN GREGORY, M. M. E.,** Professor of Experimental Engineering and Mechanism.

**DOUGLAS SMITH ANDERSON, A. M.,** Professor of Electrical Engineering.

**REGINALD SOMERS COCKS, A. M.,** Richardson Professor of Botany.

**JAMES ADAIR LYON, A. M.,** Professor of Physics.

**ALBERT BLEDSOE DINWIDDIE, M. A., Ph. D., LL. D.,** Professor of Mathematics and Astronomy.

**MARY LEAL HARKNESS, A. M., Ph. D.,** Professor of Latin.

**SUSAN DINSMORE TEW, Ph. D.,** Professor of Greek.

**IRVING HARDESTY, A. B., Ph. D.,** Professor of Anatomy.

**CHARLES WARREN DUVAL, M. D.,** Professor of Pathology and Bacteriology.

**GEORGE EUGENE BEYER,** Professor of Biology.

**JOHN CHRISTIAN RANSMEIER, A. M., Ph. D.,** Professor of German.

**EDWARD AMBROSE BECHTEL, Ph. D.,** Professor of Classical Languages.

**MAX HELLER, M. L.,** Professor of Hebrew.

\*Absent on leave on Military duty.

ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry  
 JOHN MADISON FLETCHER, Ph. D., Professor of Experimental  
 and Clinical Psychology.

DONALD DERICKSON, C. E., Professor of Civil Engineering.

†HEINRICH HERMAN MAURER, Ph. D., Professor of History.

MARY CASS SPENCER, M. S., Professor of Mathematics.

MELVIN JOHNSON WHITE, Ph. D., Professor of History.

J. HARRY CLO, M. S., Ph. D., Professor of Physics.

ALPHONSE MARIN LAMESLÉE, A. M., Professor of French.

CHARLES SAMUEL WILLIAMSON, JR., M. S., Professor of Industrial Chemistry.

†DANIEL BELL LEARY, A. M., Professor of Education.

WALTER EUGENE GARREY, Ph. D., M. D., Professor of Physiology.

IMOGEN STONE, A. M., Associate Professor of English.

WILLIAM PRENTISS BROWN, A. M., Associate Professor of English.

JAMES EDWARD ROUTH, Ph. D., Associate Professor of English.

MATTHEW THOMPSON MCCLURE, JR., Ph. D., Associate Professor of Philosophy.

†CARR THOMAS DOWELL, A. B., B. S., Ph. D., Associate Professor of Chemistry.

ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of Classical Languages.

---

### COMMITTEES

**Committee on Graduate Studies:** Professors BUTLER, CREIGHTON, BECHTEL, RANSMEIER, TEW, HARDESTY, MCCLURE, ANDERSON, ROUTH, CLO.

**Committee on Membership and Courses:** Professors DINWIDDIE, ANDERSON, ROUTH.

---

### GENERAL STATEMENT

1. The Faculty of Graduate Studies of the Tulane University of Louisiana offers to men and women the opportunity of extending and rendering more thorough the scholarship obtained in undergraduate courses, and of advancing the boundaries of knowledge by specialized work and original research.

---

†Resigned.

‡Services terminated February 1, 1918.

2. The privileges of this Faculty are extended to graduates of this University or of other institutions of equal grade. The general scope of the graduate instruction offered in any subject may be gathered from an inspection of the statements in the Courses of Instruction. The work of graduate students is expected, however, to be in a measure independent of the regular courses of instruction. Some of the graduate courses offered may be elected in the Senior year by properly prepared undergraduate students. Work done in this way, however, before the attainment of the bachelor's degree will not be allowed to count as graduate work if the student afterwards become a candidate for an advanced degree. Nor will any work of undergraduate grade done by a graduate student be, as a rule, credited toward an advanced degree; but certain courses primarily for seniors will be open to graduate students and may, at the discretion of the Committee on Graduate Studies, be counted towards an advanced degree.

3. Properly prepared students who have not attained a baccalaureate degree and who are not candidates for a degree may be admitted, it being understood that the work undertaken by them must be all of a grade higher than that required for the baccalaureate degree. The admission of such students will be upon sanction of the professors under whom they are to study and of the Committee on Graduate Studies. The graduate work done by this class of special students shall in no case count toward the acquisition of an advanced degree.

4. Tulane University will not confer advanced degrees on students who have not obtained a baccalaureate degree.

5. All graduate students will be considered merely resident graduates, not candidates for a degree, unless admitted to candidacy for a degree by the Dean of the Faculty of Graduate Studies after formal application.

6. Applicants for advanced degrees are required to announce their proposed courses to the Dean within two weeks after the opening of the session.

7. Applicants for advanced degrees may, at the discretion of the Committee on Graduate Studies, receive proper credit for graduate work done either in private study or at another university; but these degrees will not be granted unless applicants have been graduate students at this university for at least one year. No student shall be allowed to take a graduate course in a department in which he has not completed one or more courses of advanced undergraduate grade.

8. The privilege of completing *in absentia* a portion of the work required for advanced degrees shall depend, in the case of each student, upon the decision of the Committee on Graduate Studies.

9. Candidates standing examinations for advanced degrees more than three years after the beginning of their graduate study must satisfy all requirements adopted in the interval.

10. Graduate classes of fewer than three students will be formed only at the discretion of the professor concerned.

11. The choice of minor subjects may be made only after consultation with the professor in charge of the major subject and the Dean.

12. The unit for estimating the quantity of graduate instruction is a graduate course, representing *not less* than two hours per week of classroom instruction or *not less* than four hours per week of laboratory work, and representing also additional study under special direction. The amount of study thus required is such that four graduate courses, or their equivalent, together with the preparation of a Master's thesis, are expected to occupy the entire time for a year of a well prepared and able graduate student.

13. At the close of the academic year, each professor shall file with the Registrar a record of the year's work of each graduate student, showing, first, the quantity of each student's work, stated in graduate courses, as defined above, and second, the quality of his work, stated in terms of the same system of grades as is used in the undergraduate college.

14. The final examinations for all advanced degrees shall be conducted jointly by the professors in charge of the major and minor subjects, and shall be oral, or oral in part.

15. Copies of theses for advanced degrees must be deposited with the Registrar not later than the first day of April of the year in which the degrees are sought. The thesis must show literary merit. It must be submitted in typewritten form, on unruled paper of good quality, 8½x11 inches in size, with a margin of one inch on the four sides of the page. The title page shall contain the words: "Submitted to the Faculty of the Tulane University of Louisiana in partial fulfilment of the requirements for the degree of ———." A full list of authorities and books consulted and a short biographical sketch suitable for publication must be appended.

**DEGREES**

16. The degrees of **Mechanical Engineer**, **Civil Engineer**, **Electrical Engineer**, and **Chemical Engineer** are conferred upon fulfilment of either of the following groups of requirements:

(a) One year of resident study of not less than four graduate courses, devoted to one major and one minor subject, together with an examination and appropriate thesis showing power of original investigation; or

(b) Two years of professional work *in absentia*, to be approved by the Committee on Graduate Studies, an examination, and a thesis based on original investigation.

17. The requirements for the degree of **Master of Architecture**, conferred upon candidates holding the degree of Bachelor of Architecture from this institution, or from an institution of like standing, include:

1. Two years of resident study.
2. One major and two minor subjects.

The major requirements are subdivided as follows:

(a) Advanced Architectural Design—the Beaux Arts Class A course, or equivalent.

(b) Research in Old Architecture of New Orleans.

The minor subjects may be selected from the following list: English, French, Heating and Ventilating, Economics, and Sociology, Philosophy, Physics, (Acoustics of Buildings), Structural Engineering, Sanitation and Civic Improvements, or some other subject approved by the Dean and the Professor of Architecture.

In case a student elects a minor subject which he is not qualified to take the first year, he must complete the preparatory requirements for the subject during the first year and take the minor in the second year.

If the requirements for a minor are completed in the first year, the student must elect in the second year an approved subject equivalent to not less than two hours a week for each minor completed.

18. The degree of **Master of Arts** or **Master of Science** is conferred upon students who complete successfully advanced study in one major subject and one or two minor subjects, amounting to *not less than four graduate courses*, who pass a final examination, and who present a satisfactory thesis within the field of their major subject. If one minor be chosen, not less than one half of the courses taken shall be in the major subject. If two minors be chosen, then to these two together shall be devoted one half of the

total time, and the remaining half shall be devoted to the major subject.

19. The major and minor subjects must be chosen with the approval of the Dean and of the head of the department in which the major subject lies, and they must be closely related subjects. At the discretion of the Dean and of the instructor in the major subject, the candidate may be required to complete more than the minimum of four courses.

20. A well prepared and able graduate student may find it possible to attain his Master's degree after one year of graduate study, provided he devotes his entire time for one year to this study and does not undertake teaching, tutoring, or any other outside work whatsoever. The amount of time is, however, of secondary importance, the satisfactory completion of the work being the final consideration.

21. A student who is not giving his time and thought exclusively to graduate study must expect to spend more than one year in preparation for the Master's degree, and will not be permitted to elect in a single year more than the equivalent of three graduate courses, unless the circumstances are exceptional, and then only by special action of the Committee on Graduate Studies.

22. In many cases a reading knowledge of French and German will be found necessary for the prosecution of studies in other subjects than these languages, and such a knowledge should be possessed by all candidates for the Master's degree.

23. The Master's thesis should demonstrate accuracy of thinking, clearness of expression, and ability to carry on independent investigation.

24. Candidacy for either the Master of Arts or the Master of Science degree is open to those holding the Bachelor's degree of this University or a degree obtained elsewhere representing an equivalent of the work required for said degree in this University, provided such Bachelor's degree represents undergraduate work fundamental to the special graduate work proposed and is approved as sufficient by the head of the department in which the major subject for the Master's degree is chosen and by the Committee on Graduate Studies.

25. The degree of Master of Science is considered more expressive of achievement in those departments of the University which are concerned with the pure and the applied sciences, and the attainment of this degree is restricted to such departments. For this reason, certain departments of the School of Medicine of this University are open for graduate work to candidates for the degree of Master of Science,

provided the candidates conform to all the requirements of the Faculty of Graduate Studies and to all requirements for entrance to the School of Medicine and provided that within the School of Medicine courses considered prerequisite to the subjects chosen have been completed. The subjects in which graduate work may be chosen by candidates for the degree of Master of Science comprise Dissectional and Microscopic Anatomy, Human and Comparative, including Neurology; Bacteriology; Pathology; Physiology; and Physiological Chemistry.

26. Students pursuing the combined course leading to the Bachelor's degree and the degree of Doctor of Medicine may, upon receiving their Bachelor's degree, be admitted to candidacy for the Master's Degree, and likewise students entering the School of Medicine with the Bachelor's degree may be admitted to candidacy for the Master's degree, provided in either case that there be done work sufficient, both in quality and in quantity, to meet the requirements for the Master's Degree. No work shall be counted both toward the degree of Doctor of Medicine and toward the degree of Master of Science.

27. The Master's degree may be made a stepping-stone to the degree of Doctor of Philosophy.

28. The degree of **Doctor of Philosophy** is conferred upon students who complete successfully advanced study embracing a major subject and two minor subjects, amounting to at least twelve graduate courses, who pass a final examination, and who present a thesis within the field of their major subject, showing power of independent investigation, and embodying original research or creative scholarship.

29. The requirement for each minor subject is one-half as much as is required for a major subject.

30. Not less than three years, entirely devoted to graduate study, will be necessary to fulfill the requirements for this degree. Work done for the degree of Master of Arts may, at the discretion of the Committee on Graduate Studies, receive full recognition toward the degree of Doctor of Philosophy, if of the same character as the major and minor subjects pursued for the attainment of the higher degree, and in the same field.

31. All students applying for the degree of Doctor of Philosophy shall be required to devote at least two sessions of their graduate course exclusively to their work.

32. It is to be understood that this degree is not conferred merely as a result of faithful study for a prescribed time. In all his work the candidate must give satisfactory evidence of high attainment in origi-



**2. Neurology.**

Special study of the histology and microscopic and macroscopic architecture of the central nervous apparatus.

One term. Five hours a week.

MR. HARDESTY

**3. Special Anatomy of the Auditory and Optic Apparatuses.**

This course is primarily for graduate students but is elective by others especially interested in the subject and qualified to take the work.

One term. Five hours a week.

MR. HARDESTY

Graduate students who intend to pursue advanced work in anatomy or physiology and who have not had preliminary work similar to that covered in the routine courses in histology, organology and neurology are admitted to and advised to take one or all of the regular courses offered in these subjects by the Department of Anatomy as preliminary to the advanced courses here offered. (See Announcement of Courses, School of Medicine, Anatomy, 7, 8 and 9)..

---

**ART**

PROFESSOR WILLIAM WOODWARD

PROFESSOR ELLSWORTH WOODWARD

Graduate work in art is based upon the baccalaureate degree, and upon not less than two years of undergraduate instruction, as offered in the courses at Newcomb College, or in the College of Technology. No student will be admitted who cannot show adequate undergraduate preparation, especially in the technical part of the work. In the graduate work technical practice must be maintained; about one-third to one-half of the actual hours will be devoted to critical and theoretical study of art under the direction of the professor. The time required will be not less than twelve hours for one course. The particular field of the student's interest will in a measure determine the course to be pursued.

---

**BIOLOGY**

PROFESSOR BEYER

*Physics Building*

**1. Advanced Studies in Cryptogamic Botany and Bacteriology.**

a. Any one of the chief classes of the Cryptogams offers an ample field for special inquiry and advanced study along the lines of Taxon-

omy and Phylogeny, and material for such is plentiful in almost any locality.

b. The advanced course in Bacteriology applies chiefly to the vegetable parasites in their relation to animal and vegetable hosts, rather than to diseases affecting man.

Two hours a week (minor) or four (major). Open to all students properly prepared.

## **2. Advanced Work in Invertebrate Zoology or Parasitology.**

a. The same needs for advanced study and special investigation apply here as they do in Course 1a, particular attention being required in the Mollusca and Arthropoda.

b. Animal Parasitology is more specifically directed to the Protozoa and Vermes, the life histories of which to the larger extent are either still unknown or only partially understood.

Two hours a week (minor) or four hours (major). Open to all students properly prepared.

Those pursuing biology as a *major* subject may elect special work in other branches than those mentioned above. Arrangements for such work should be made *by letter* at least two weeks before the opening of the University.

A reading knowledge of French and German is required of all applicants for graduate work in this department.

---

## **BOTANY**

PROFESSOR COCKS

*Richardson Memorial Building*

No student will be admitted to any graduate course in Botany who has not completed an undergraduate course of at least three years in this subject, together with the general requirements for students pursuing graduate work. Students who have had this amount of preparation may select any suitable subject for investigation under the direction of the professor in charge.

---

## **CHEMISTRY**

PROFESSOR METZ

PROFESSOR WILLIAMSON

ASSOCIATE PROFESSOR DOWELL

*Richardson Chemistry Building*

Applicants for advanced work in chemistry must complete General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry before credits for graduate work can be given. See Bulletins

of College of Arts and Sciences and of Newcomb College for the pre-requisite undergraduate courses.

**1. Physical Chemistry.**

This course is the same as Chemistry 4 and 4L, in the College of Arts and Sciences, or its equivalent.

Three lectures and four laboratory hours.

Pre-requisites, a course in Physics similar to Physics 2 in the College of Arts and Sciences, and Integral Calculus. MR. DOWELL

**2. Advanced Physical Chemistry.**

The subject matter of this course will be changed from year to year. During the session of 1917-1918 the topics studied will be:

- (1) Elementary Thermodynamics with applications to chemistry.
- (2) The Chemistry of Colloids.

Three lectures a week. Pre-requisite, Chemistry 4 in the College of Arts and Sciences, or its equivalent. MR. DOWELL

**3. Organic Preparations.**

Six laboratory hours a week during either the first or the second term. MR. DOWELL

**4. Advanced Inorganic Chemistry.**

Two lectures and two laboratory hours a week. Pre-requisite, Chemistry 4 in the College of Arts and Sciences, or its equivalent. (Not given in 1917-1918.) MR. DOWELL

**5. Industrial Chemistry.**

A course of lectures on the application of chemistry to the arts, supplemented by visits to factories. The course embraces the most important chemical industries, both inorganic and organic. The principles involved in evaporation, distillation, sublimation, filtration, crystallization, calcination, refrigeration, use of fuels, and water purification are thoroughly discussed.

A study is made of the manufacture of acids, alkalies, chlorine, bleaching powder, fertilizers, cements, glass, ceramics, pigments, sulphates, cyanides, alcohols, illuminating gas, coal-tar derivatives, soap, glycerine, sugars, starch, explosives, paper, and other substances of minor importance. A study is also made of the chemistry of textile dyeing, dyestuffs, bleaching, fermentation processes, the tanning of leather, and the refining of oils (mineral, vegetable, and animal).

Five hours a week. (Not applicable as graduate credits for Chemical Engineers or students in Chemical Engineering.

MR. WILLIAMSON

### **6. Industrial Chemistry Laboratory.**

Work in this laboratory consists of lectures and laboratory practice in technical analytical methods and manufacturing on a laboratory scale, supplemented by visits to factories.

Among the subjects studied are the following: Sugar Factory Methods and Products; Fermentation and Fermented Products; Textile Bleaching and Dyeing; Paints; Oils (vegetable, mineral, and animal); Soaps; Water for Sanitary and Technical Purposes; Gas: Fuels (gaseous, liquid, and solid); Iron and Steel; Agricultural Analysis (fertilizers, and soils); Building Materials (clays, limestones, cements, metals, and alloys); Assaying; Tanning.

Five periods a week. (Not applicable as graduate credits for Chemical Engineers or students in Chemical Engineering.

MR. WILLIAMSON

### **7. Chemical Seminar.**

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. (Required of all graduate students in Chemical Engineering, and open to students other than Chemical Engineering students.)

MR. WILLIAMSON

### **8. Advanced Industrial Chemistry.**

The investigation of problems of industrial processes.

Prerequisite to this course, the student must have had the equivalent of work required for the bachelor's degree in Chemical Engineering Course at the Tulane University of Louisiana.

MR. WILLIAMSON

### **9. Physiological Chemistry.**

This course embraces a thorough study of the chemical composition of the food stuffs and the various tissues and fluids of the body, together with a consideration of the chemical-physiological processes of digestion, secretion, exertion and nutrition in general.

Students are taught the application of quantitative analytical methods to the problems of metabolism and to the identification and estimation of biological products.

A knowledge of Inorganic and Organic Chemistry (Chem. 11, 12, 32, L23, L31, L32, L34), Elementary Biology and Elementary Physiology are essential.

MR. METZ

**10. Research.**

To those who have the necessary qualifications to undertake original investigations, independently or under guidance, the facilities of the various laboratories are available.

**CIVIL ENGINEERING**

PROFESSOR DERICKSON

*Engineering Building.*

Graduate courses are offered in the following subjects in the Department of Civil Engineering. In order for a student to qualify for graduate work he must be a graduate of a course in civil engineering of an institution of recognized standing.

**1. Bridge and Structural Engineering.**

Instruction is given in the determination of loading, stresses, and design of roofs and buildings, bridges, arches, foundations, piers, retaining walls, and other structures of timber, steel, reinforced concrete, and masonry. Advanced instruction will be given in Higher Structures, Masonry and Foundations, Reinforced Concrete Construction, Reinforced Concrete Arch, and in Engineering Design. Preliminary: Structural Details, Stresses in Framed Structures, Bridge Design and Principles of Re-inforced Concrete.

**CLASSICAL PHILOLOGY**

PROFESSOR HARKNESS

PROFESSOR BECHTEL

PROFESSOR TEW

ASSISTANT PROFESSOR RIEDEL

*Newcomb College*

*Gibson Hall, Room 25*

**1. Roman Elegiac Poets.**

The complete works of Catullus, Tibullus and Propertius will be read together with the Heroides of Ovid. The members of the class will prepare papers discussing the biography and individual characteristics of each of these poets.

Two hours a week.

MR. BECHTEL

**2. Aeschylus.**

Study of the extant plays, with special attention to dramatic structure, diction, moral and religious doctrines.

Two hours a week.

MISS TEW

**3. Introductory Sanskrit.**

Whitney's Sanskrit Grammar and Lanman's Sanskrit Reader are used. As soon as the more important paradigms of the noun and verb

are learned, the reading of easy selections is begun. The relation of Sanskrit, in inflection and syntax, to the other Indo-European languages is emphasized throughout the course.

Two hours a week.

MISS TEW

#### 4. **Early Latin.**

Cato's *De Re Rustica* and the most important fragments of the works of the writers of the early Republic will be read, together with specimens from early laws, inscriptions, etc. Special consideration will be given to peculiarities of syntax, spelling and quantity.

Two hours a week. (Offered in 1918-1919.) MISS HARKNESS

#### 5. **Virgil.**

This course will include the reading of the *Eclogues*, *Georgics*, *Aenide*, Books VII—XII, and selections from the *Pseudo-Vergiliana*, with especial attention to the development of Virgil's literary style and metrical skill. A study will also be made of the philosophical and religious beliefs of Virgil.

Two hours a week. (Offered in 1917-1918.)

MISS HARKNESS

#### 6. **Aristophanes.**

Reading of most of the plays.

Study of the history and technique of Greek Comedy and of contemporary life and history.

Two hours a week.

MR. RIEDEL

### **ECONOMICS AND SOCIOLOGY**

PROFESSOR ALDRICH

*Gibson Hall, Room 40.*

Graduate work is offered only to students who have previously completed at least two years of undergraduate work in economics and sociology.

Graduate students may elect the more advanced undergraduate courses in the College of Arts and Sciences and in the College of Commerce and Business Administration as bases for wider reading and special reports.

**Research Course.** Properly prepared students are encouraged to conduct investigations, under the guidance of the instructor, in such subjects as the development of manufactures in the Southern states, the cotton market, the foreign trade of New Orleans, the economic status of the negro, or subjects in economic theory.

**The Peabody Fellowship**, for encouragement of research into economic aspects of Southern welfare, is assigned to a graduate student in economics. (For details, see section entitled Fellowships).

**EDUCATION**

PROFESSOR LEARY

*Newcomb College*

The following courses in Education will be offered for election, one course only to be given. .

**1. Organization and Administration of Education.**

Detailed consideration of the Public School System, Function of Board, Superintendent, Principal, etc. Use and method of school survey; methods of evaluation of teaching ability; proficiency of student. Estimation of costs. Structure and design of buildings. Statistics and records. At least two previous courses in education required.

Two hours a week.

MR. LEARY

**2. Philosophy of Education.**

The general field of education; an historical and theoretical consideration. Correlation of education with philosophy and scientific method. Development of a systematic and unified conception of the educational process and aim. At least one course in education, and one in philosophy, or in psychology required as pre-requisites.

Two hours a week.

MR. LEARY

**ELECTRICAL ENGINEERING**

PROFESSOR ANDERSON

*Stanley Thomas Hall***1. Advanced work in the Theory and Application of Alternating Currents.**

This course is conducted by means of lectures, parallel reading, and laboratory work, and is adapted to the needs of each student.

Open to graduates in Mechanical-Electrical Engineering and to others who have had an equivalent of the undergraduate courses in this University.

**ENGLISH**

PROFESSOR SHARP

ASSOCIATE PROFESSOR BROWN

ASSOCIATE PROFESSOR ROUTH

*Gihson Hall, Rooms 39, 24*

PROFESSOR BUTLER

ASSOCIATE PROFESSOR STONE

*Newcomb College*

An acquaintance with the language and the literature equivalent to that to be obtained in four years of undergraduate study in this University will be required of all students in the graduate courses in

English. All candidates for the Doctor's degree making English their major must have a good knowledge of the history of English Literature and a good equipment in Old and Middle English; candidates for the Master's degree must take (or show that they have taken) at least one course in Old English. Such a course is offered both at Newcomb College and in the College of Arts and Sciences. The proportion of work to be done in literary and in linguistic fields will be determined largely by the special interest of the student; but each student will be expected to meet such requirements in both fields as will prevent excessive specialization.

**1. Old English: Epic, Lyric and Heroic Poetry.**

Advanced course. Two hours a week. (Not offered in 1917-1918).

MR. BROWN

**2. Old English.**

Biblical Paraphrases, Cynewulf, and the School of Cynewulf.

Two hours a week. (Not offered in 1917-1918). MR. BROWN

**3. Old English Prose and Poetry.**

Two hours a week.

MR. BROWN

**4. Middle English Language and Literature from 1100 to 1350.**

Two hours a week.

MR. BUTLER

**5. English Miracle Plays.**

The growth of the religious play will be studied, with reading from plays of a typical cycle. This course or the course in Elizabethan Drama will be given, according to the needs of students.

Two hours a week.

MR. BUTLER

**6. Elizabethan Drama.**

The course will direct attention rather to the immediate predecessors and contemporaries of Shakespeare, attempting to show something of the growth of notable types of drama, using the Shakespearean plays where needful as illustrative material. It is requisite, therefore, that the student be familiar with the content of Shakespeare's plays.

Two hours a week.

MR. BUTLER

**7. British Poetry in the Nineteenth Century.**

The work of Wordsworth, Coleridge, Byron, and Shelley will be studied, especially with the aim of showing their relation to the main current of thought, to the French Revolution, and to the great social issues.

Two hours a week.

MISS STONE



**8. The Modern Drama.**

Principal tendencies in the drama of the nineteenth and twentieth centuries, with special reference to English plays, together with a study of the technique of the playwright.

Two hours a week. (Not offered in 1917-1918).

MR. ROUTH

**9. Modern Fiction.**

A brief study of the general history of prose fiction, with more detailed work on modern fiction, especially the short story, and with particular attention to the technique of the short story. Opportunity is given to such members of the class as may wish it to practice writing stories.

Two hours a week. (Not offered in 1917-1918). MR. ROUTH

---

**GERMAN**

PROFESSOR RANSMEIER

*Gibson Hall, Room 33*

**1. Middle High German.**

Elements of Middle High German Grammar. Reading of mediaeval German epic and lyric poetry. Lectures on Middle High German literature. Reports by students on selected topics. Introductory to the study of Germanic philology. (Not offered in 1918-1919).

Two hours a week.

**2. The Life and Works of Schiller.**

A considerable number of the works of Schiller, representing the various phases of his literary activity, will be read. The life of the author in its relation to his work will be studied; and the development of his art and thought will be treated with reference to the facts and conditions of his own and earlier periods, in so far as these may have influenced his production. Lectures and collateral reading of literary history will supplement the direct study of Schiller's works.

Two hours a week. (Not offered in 1918-1919).

**3. The Life and Works of Goethe.**

In this course the life and literary activity of Goethe will be studied from standpoints similar to those outlined for course 2.

Two hours a week. (Not offered in 1918-1919).

**4. Goethe's Faust.** Study of the Faust legend and of related legends. The element of personal experience in Goethe's Faust. Historical and critical analysis of both parts.

Two hours a week (Offered in 1917-1918).

**5. Heine's Life and Works.**

The life and works of Heine and his attitude toward the social, religious, literary, and artistic thought of his day. His relation to German Romanticism and to Young Germany. Reports on collateral reading and on assigned topics.

Two hours a week. (Not offered in 1918-1919).

**6. The German Drama of the Nineteenth Century.**

Introductory lectures on the pseudo-classic, storm and stress and romantic drama. The class reads rapidly representative works illustrating these periods. A limited number of the best examples of the nineteenth century drama are carefully analyzed and a large number representing additional phases of dramatic development are read rapidly. Written reports upon assigned topics are required from time to time, which are intended to serve as an introduction to the methods of research.

Two hours a week. (Not offered in 1918-1919).

**7. German Fiction of the Nineteenth Century.**

This course will deal with the literary tendencies and movements of the century, so far as these find expression in fiction. A considerable number of representative works will be studied and collateral reading in literary history will be required. Frequent reports will be assigned to students.

Two hours a week. (Offered 1918-1919).

These courses are open only to those students who have had the equivalent of four years of undergraduate German at Tulane or Newcomb.

---

**HEBREW**

PROFESSOR HELLER

*Gibson Hall, Room 2.*

Acquaintance with the rudiments of Hebrew grammar and ability to translate the simpler portions of the Bible will be required.

**Advanced Hebrew.** Review of grammar. Hebrew syntax. Translation of prophetic and poetical portions of the Bible.

Harper's Selections.

Two hours a week.

---

**HISTORY**

PROFESSOR WHITE

*Gibson Hall, Room 32*

PROFESSOR MAURER

*Newcomb College*

Students will not be permitted to elect post-graduate courses in history unless they have already received college credit for courses

Nos. 1 and 4 (see Arts and Sciences Bulletin) or equivalents, and at least one advanced course in either European or United States History.

The following courses in European and American history will be offered.

**1. Seminary in United States History.**

The purpose of the seminary is to give students training in the use of source material, and to make them familiar with the methods of historical research. The Federalist period will be studied in 1918-1919.

Two hours a week. Reports and discussions. MR. WHITE

**2. The United States Since 1865.**

A study of recent development along political, economic and social lines. Considerable attention will be given to the rise and development of the New South, and to our relations with foreign countries.

In 1918-19 graduate students will be offered their choice of this course or course 1. Only one will be given.

Two hours a week. Lectures, readings, and reports.

MR. WHITE

**3. The Renaissance in Italy.**

The emancipation from the conventional and the development of subjective individuality, discovery of self, of nature, of new standards of valuation and of conduct.

Practical exercises in appreciation and critical judgment by testing the validity of the above thesis. The work is based on the writing of Dante, Petrarch, Lorenzo Valla, Cola di Rienzo, Machiavelli, etc. A detailed account of the Political History of Italy and its relation to the great Powers (1447-1527) is given as a background.

Prerequisite: Not less than three courses, of which two should especially relate to European history.

Two hours a week.

MR. MAURER

Course 3 will alternate with course 4. (Not given in 1917-1918.)

**4. Elementary Problems of Historical Research.**

A course designed to supply the wants of universities whose libraries have few or no collections of historical sources.

The student is supplied with short extracts from sources, each representing a particular problem of critical method, such as problems of authenticity, of relationship of several sources, of characteristic forms of personal equation and expressions of "Zeitgeist" in historical material.

**Purpose:** Acquaintance with the psychology of historical source-material and training of critical ability and objective historical judgment.

For students of History and Journalism.

Two hours a week.

MR. MAURER

Course 4 will alternate with course 3.

## MATHEMATICS

PROFESSOR DINWIDDIE

*Gibson Hall, Room 23*

PROFESSOR SPENCER

*Newcomb College*

### 1. Analytic Geometry of Space.

Chas. Smith, *Solid Geometry*; Salmon, *Geometry of Three Dimensions*.

MR. DINWIDDIE

### 2. Theory of Equations.

This course is based on Burnside and Panton's *Theory of Equations*, which it will supplement at various points.

Two hours a week.

MR. DINWIDDIE

### 3. Differential Equations.

This course in the main runs parallel with Forsyth's *Theory of Differential Equations*, but introduces as far as possible the notions of Lie, Fuchs, and others.

Three hours a week.

MR. DINWIDDIE

### 4. Modern Analytic Geometry.

The work in this course will be based largely on Doehleemann's *Geometrische Transformationen*, preceded by an introduction to the theory of matrices, linear dependence and quadratic forms, as given in Bôcher's *Higher Algebra*.

Two hours a week.

Prerequisites: Theory of Equations and Projective Geometry.

MISS SPENCER

### 5. (a) Quadratic and Higher Birational Point Transformations.

Doehleemann, Vol. II.

Two hours a week. One-half year.

### (b) Foundations of Projective Geometry.

Veblen and Young.

Two hours a week. One-half year.

Prerequisites. Projective Geometry and Modern Analytic Geometry.

MISS SPENCER

**6. Theory of Functions of a Complex Variable.**

This introductory course treats of the complex variable and its geometric depiction, of functionality, of the integration of uniform functions, of expansion in power series, of integral functions, algebraic and transcendental, of conform depiction, of multiform functions, and of Riemann's surfaces.

MR. DINWIDDIE

---

**MECHANICAL ENGINEERING**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**1. Thermodynamics.**

Work of an advanced character supplementing that of the undergraduate course but dealing more particularly with gas and gasoline engines, refrigerating machinery, and air compressors.

**2. Advanced Steam Design.**

An application of the preceding course in which designs and working drawings of engines to conform to data will be required.

**3. Structural Design.** Advanced work in Strength of Materials and in the design of structures of various kinds.

---

**PATHOLOGY AND BACTERIOLOGY**

PROFESSOR DUVAL

*Richardson Memorial Building*

**1. Advanced Studies in Bacteriology.**

The course is devoted to the study of protozoa and bacteria. Separate problems are suggested, and the student under the supervision of the instructor will carry such a problem to completion.

Three hours a week for minor, and six hours a week for major. This course is open only to students who have had a year in Biology or Parasitology.

**2. Advanced Studies in Special Pathology.**

This course consists in experimental work along histo-pathological lines. Special problems will be assigned to students qualified to take such a course, under the guidance of the instructor.

---

**PHILOSOPHY**

ASSOCIATE PROFESSOR MCCLURE

*Gibson Hall, Room 23.*

**1. History of Philosophy.**

Traces the history of philosophy from its earliest beginning among the Greeks to the present time. Extensive readings in the sources. Lectures, essays, and discussion.

Three hours a week.

Additional courses will be arranged to meet the special demands of graduate students.

---

## PHYSICS

PROFESSOR LYON  
*Newcomb College*

PROFESSOR CLO  
*Physics Building*

### 1. Dynamics.

A series of lectures on mechanics and wave motion, beginning with elementary theoretical mechanics and concluding with the application of wave theories to light and sound.

Three hours a week, first term. (Not offered in 1918-19).

MR. CLO

### 2. Kinetic Theory of Matter.

A course dealing with that subject matter properly included in the term corpuscular physics. The course includes heat and the kinetic theory of gases followed by radioactivity and the conduction of electricity through gases.

Three hours a week, second term. (Not offered in 1918-19).

MR. CLO

### 3. Electricity and Magnetism.

Primarily a laboratory course in the study of resistance, capacity, inductance, electrical oscillations, etc. It is accompanied by a study of the theory of the methods used in the laboratory and such general theory as may be necessary to a proper understanding of the practical work of the course.

Three hours a week, first term.

MR. CLO

### 4. Light.

Primarily a laboratory course in the use of such instruments as the Fresnel mirrors, the diffraction grating, the spectroscope and spectrometer, the interferometer and the polarimeter. The theory of these instruments is taken up briefly in a weekly discussion of at least one hour.

Three hours a week, second term.

MR. CLO

The above courses presuppose a good training in undergraduate physics, with a working knowledge of the calculus.

### 5. Optics and Chemistry of Photography.

Theoretical discussion of photographic lenses, followed by a study of photo-chemical action, including orthochromatism and color photography.

Two hours a week.

MR. LYON

**6. Advanced Laboratory Course.**

A laboratory course in the performance of well-known advanced experiments which require a study of accompanying theories, and which introduce the methods of original work.

Credit and hours to be determined in individual cases. MR. CLO

**7. Research Work** on some special problem under the guidance of the professor. MR. LYON and MR. CLO

These courses, with the exception of Course 7, are open to properly qualified undergraduates as well as to graduates. Applicants for Courses 1, 2, 3 and 4 should have completed the equivalent of the corresponding undergraduate courses.

---

**PHYSIOLOGY**

PROFESSOR GARREY

*Richardson Memorial Building.*

**Physiological Research.** A course designed to give opportunity for investigation to graduate students who desire to devote either one half, or all their time to the work in candidacy for advanced degrees.

Only those will be accommodated who have had adequate training in Biology, Physics, Chemistry and Physiology.

---

**PSYCHOLOGY**

PROFESSOR FLETCHER

*Newcomb College.*

**1. Advanced Psychology.**

Comprising the systematic study of the larger problems of psychology as they are presented in some of the advanced texts.

Two hours a week.

**2. Research in Experimental Psychology.**

Students who have had sufficient preparation in laboratory technic will be allowed to undertake the investigation of problems by arrangement.

**3. Clinical Psychology.**

A course based upon differential psychology and taking into consideration mental arrest, genius and other variant types. The laboratory methods of mental tests and measurements now in use will be included.

Two hours a week.

**4. Psychological Systems.**

A course tracing the development of psychology from its beginning and also giving the salient features of modern European and American systems of psychology.

Two hours a week.

**5. Psychophysical Theories.**

This course takes into account the ancient and modern theories of mind and body relations.

Two hours a week.

NOTE: Courses 4 and 5 will be given alternately, beginning with Course 4 in 1914-15. Other courses will be offered according to the needs of the students. In general only two courses will be offered in any year.

---

**ROMANCE LANGUAGES**

PROFESSOR MARIN LAMESLÉE

*Gibson Hall, Room 31*

**FRENCH****1. French Literature of the Eighteenth Century.**

A study of the great writers of the eighteenth century (more particularly the writers of comedies) and of their principal works. Essays and reports in French on works read.

Two hours a week.

MR. LAMESLÉE

**2 The Romantic School (*Le Romantisme*).** Lamartine, Victor Hugo, Vigny, and Musset. Essays and reports in French on work read.

Two hours a week.

MR. LAMESLÉE

The above courses in French literature will be conducted in French. The students will refer to the principal histories of French literature, such as Petit de Julleville's, Lanson's, Brunetière's, Doumic's, Pellissier's, and to the more important works of the French critics.

**3. Old French Literature.**

Reading of texts. An attempt will be made to show how the society of the Middle Ages is depicted in the literature of the period.

Two hours a week.

MR. LAMESLÉE

**4. History of French Literature, from its beginning down to the Renaissance.**

Lectures and collateral reading.

Two hours a week.

MR. LAMESLÉE

**5. Classical Drama.**

A study of the development of the drama in France down to the end of the XVIIIth Century with especial reference to the great classical writers. Conducted in French.

For graduates and undergraduates.

Three hours a week.

MR. LAMESLÉE



**SPANISH****1. History of Spanish Literature.**

A study of the evolution of Spanish literature, from the beginnings to the present time. Lectures, reports on assigned work, monthly essays.

Three hours per week.

MR. KENDALL

---

**GENERAL INFORMATION**

---

**ADMISSION AND ENROLLMENT**

Applicants should report not later than October 7th to the Dean of the Faculty of Graduate Studies and present credentials. If admitted, they will receive from the Registrar blanks to be filled out with a course of study subject to the approval of the professors under whom they wish to work and of the Dean. The blanks must be then returned to the Registrar, who, after the fees have been paid, will issue cards entitling the applicants to be enrolled as graduate students.

---

**FEES AND EXPENSES**

Graduate students will be charged for each session a registration fee of five dollars, and twenty dollars for tuition, when a complete course leading to a degree is taken, and a registration fee of five dollars, and ten dollars for tuition, when only a part of such a course is taken.

All students working in the laboratories are required to pay an annual fee of fifteen dollars for each laboratory used by them.

Holders of Fellowships and Scholarships are not exempt from the registration and laboratory fees.

A fee of five dollars to cover expenses of graduation, diploma, etc., will be charged each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement.

Rooms and board in the dormitories may be obtained at prices varying from nineteen to twenty-one dollars per month, including heat and lights. Students may obtain board and lodging at from twenty to thirty dollars per month in boarding houses and private families at a convenient distance from the University buildings.

## COLLEGE OF LAW

### FACULTY—1917-1918

ROBERT SHARP, A. M., Ph. D., President of the University.

CHARLES PAYNE FENNER, B. S. (Virginia Military Institute),  
L. B. (University of Virginia), LL. B. (Tulane University), Pro-  
fessor of Civil Law and Dean of the College of Law.

ELLIOTT JUDD NORTHRUP, A. B. (Amherst College), LL. B.  
(Cornell University), Professor of Law, Secretary of the College  
of Law.

MONTE M. LEMANN, A. B., LL. B. (Tulane University), LL. B.  
(Harvard University), Professor of Law.

RALPH J. SCHWARZ, A. M., LL. B. (Columbia University), LL. B.  
(Tulane University), Professor of Law.

†CHARLTON REID BEATTIE, L. B. (University of Virginia),  
Professor of Louisiana Code of Practice.

STEPHEN IVES LANGMAID, A. M., LL. B. (Harvard University),  
Professor of Law.

JOSEPH W. CARROLL, L. B. (University of Virginia), Professor of  
Civil Law.

CHARLES JOSEPH TURCK, A. B. (Tulane University), A. M.,  
LL. B. (Columbia University), Professor of Law.

ARTHUR ALPHONSE MORENO, A. B., LL. B. (Tulane University),  
Professor of Louisiana Code of Practice.

JOHN DANIEL GRACE, Lecturer on Admiralty.

CHANDLER C. LUZENBERG, B. S. (Louisiana State University),  
LL. B. (Tulane University), District Attorney for the Parish of  
Orleans, Lecturer on Criminal Procedure.

RUFUS EDWARD FOSTER, LL. B. (Tulane University), United  
States District Judge, Eastern District of Louisiana, Lecturer on  
Bankruptcy and Federal Practice.

ST. JOHN PERRET, A. B., LL. B., (Tulane University), LL. B.  
(Harvard University), Lecturer on Contractual Obligations under  
the Civil Code of Louisiana.

CHARLES E. DUNBAR, JR., A. B., LL. B., (Tulane University),  
LL. B., (Harvard University), Lecturer on Bills of Exchange and  
Promissory Notes.

---

### FROM THE COLLEGE OF ARTS AND SCIENCES

EDWARD AMBROSE BECHTEL, Ph. D. (University of Chicago),  
Professor of Classical Languages, Roman Law.

†Resigned.

### HISTORY

The Tulane University of Louisiana is the successor of the University of Louisiana, established in 1845. It was incorporated with its present organization in 1884, and the name of Tulane was added to perpetuate the memory of the public spirited citizen who then endowed it. The College of Law (then styled the Law Department) was established in 1847. Now in the seventieth year of its existence, it has conferred diplomas on more than 1400 graduates, who have held respectable positions at the bar, while many have advanced to the highest judicial seats.

Up to the session of 1907-08 the law course consisted of two years of study, but the American Bar Association had long insisted upon a three year course, urging that experience had shown that adequate training to begin the practice of law cannot be acquired in a shorter time and that less preparation jeopardizes success. That this preparation should be secured by the student at his own expense rather than by the young lawyer at the expense of his earlier clients seems obvious; and that it can be more surely obtained in the law school than elsewhere is demonstrated by the growing attendance of the law schools, which are themselves increasing in number.

Recognizing these facts, the Board of Administrators of the Tulane University of Louisiana in 1906, voted that the law course be lengthened to three years, and the college was accordingly reorganized in 1907. In 1915 further changes were made and the courses are now arranged as given herein.

---

### PURPOSE

The purpose of the Tulane College of Law is to educate men for successful practice in the courts of any state in the Union and in the federal courts. Success at the bar requires (1) a high sense of honor and duty, (2) habits of industry, (3) thorough acquaintance with fundamental legal principles, (4) a mastery of the methods of legal study and research, and (5) intellectual power and acumen, and Tulane aims to develop these qualities in its students.

To this end the college has selected instructors for their fitness to teach and to train, and for their willingness to devote themselves enthusiastically to these objects. It requires the attendance of the student at lectures and discussions for from twelve to fifteen hours each week, throughout the course, mainly in the morning hours; and maintains close supervision over his work, with insistence upon industry and a high standard of continuous application. Two hours preparation is necessary for the work of each class period.

The college provides a large and well selected law library, by the use of which students become familiar with the extensive sources of the law and learn "how to find the law." Its courses cover every important topic and a period of three years' study of law is required for graduation, enabling the student to become well-grounded, to assimilate his work, and to become thorough in discipline and knowledge.

---

### SCOPE OF INSTRUCTION

The courses of instruction cover the whole field of American law, but are in two groups, respectively designed for students who intend to practice in common law states, and for those who intend to practice in Louisiana. The former covers the English-American common law; the latter embraces such portions of the common law as are in force in Louisiana, together with those branches of Louisiana law that are based upon the civil law. Thus the institution is in no sense local, and its graduates are in successful practice outside as well as within Louisiana.

---

### COMMON LAW GROUP

Every subject essential to common law practice is offered, and given as full treatment as in the schools of the common law states, with similar texts, methods of study and of instruction, and by teachers trained in common law schools.

Students registered for this group of courses are not required to study the civil law subjects, the common law group being complete in itself.

The common law group of courses includes:

Admiralty, agency, bankruptcy, bills of exchange and promissory notes, carriers, conflict of laws, constitutional law, contracts, corporations, criminal law, criminal procedure, equity, evidence, federal practice, history of courts and actions, mortgages, partnership, personal property, persons and family relations, pleading, public service companies, real property, sales, torts, trusts, wills, descent and administration.

---

### LOUISIANA LAW GROUP

Every subject essential to successful practice in Louisiana is offered in this group.

Though a large and important part of the law of Louisiana is distinctly of civil law origin, the law of Louisiana is by no means all civil law. A large part is common law. The criminal law, the law

of torts, of corporations, of evidence, of public service companies and carriers is the same as in common law jurisdictions; and these branches students registered for the common law and those registered for the Louisiana law take together. The constitutional law, federal practice, bankruptcy and conflict of laws are likewise the same for all. The law of bills and notes, governed by a uniform state law passed in nearly all the states, is the same for all.

Students registered for the Louisiana law are not required to take the courses on the law of persons and family relations at common law, the advanced course in real property at common law, mortgages, wills, nor such other courses as are of value in common law states only.

All parts of the civil code and of the code of practice, of Louisiana, are given full and thorough treatment, with frequent reference to the French writers and to the Louisiana cases.

---

### **METHODS OF STUDY AND OF INSTRUCTION**

Students are required to study chiefly selected cases, supplemented by reading in approved text-books and legal periodicals. Class exercises consist of recitation, discussion, colloquy and exposition, with only occasional approach to the formal lecture, the aim being to stimulate and exact thoroughness of study and to develop the student's power of reasoning and self-help. Insistence is put upon accurate legal thinking as well as upon the acquisition of rules of law.

---

### **REQUIREMENTS FOR ADMISSION**

It has been the growing conviction of the law faculty that the preparation afforded by high schools and academies is generally not a sufficient preparation for the three year law course. An examination of the records of the school shows that men who have had at least one year of college training do work much superior to that of those without this training. In this, our records confirm the experience of law school educators everywhere.

The leading law schools of the country now require at least one year of college work; many of them require more. For the highly specialized professional work, such as is given in this law school, the student needs the mental training and the maturity of mind which comes from the college work. We realize, however, that it is not possible for all to have had college work and in order that the school may adapt itself to the needs of the community, two courses

are offered: one for those who have had only a high school education, and one for those who have had one year of college in addition to high school work.

---

### **ADMISSION TO THE FOUR YEAR COURSE**

(See page 44.)

---

### **ADMISSION TO THE THREE YEAR COURSE**

All the requirements for admission to the four year course must be satisfied and in addition, the applicant must present a certificate from an approved university or college that he has satisfactorily completed therein at least one year of non-professional work in a four year course. Work equivalent to that done in the first year of the courses leading to the A. B. or B. S. degree at this University will be satisfactory.

---

### **SPECIAL STUDENTS**

At the discretion of the faculty, an applicant who is at least twenty-one years of age and is unable to meet the entrance requirements will be admitted as a "special" student, with full privileges in all respects except that he may not become a candidate for a degree, but upon leaving the school he will be given a certificate showing what he has accomplished.

---

### **ADMISSION TO ADVANCED STANDING**

In accordance with the recommendation of the American Bar Association, no credit will be given any applicant for study in an office, nor will credit be given for work with a correspondence school. Those applicants only will be admitted to advanced standing who have done creditable work in regular attendance at an approved law school and then only in case the applicant when he entered such school could have satisfied the Tulane entrance requirements.

---

### **COMBINED ACADEMIC AND LAW COURSE.**

Students in the College of Arts and Sciences may in their senior year of college work elect the first year of law work, for which credit will be given to the extent of fifteen hours towards the Bachelor's degree in the College of Arts and Sciences.

---

### **COMBINED BUSINESS AND LAW COURSE**

Students in the College of Commerce and Business Administration may in their senior year elect the following law courses, for which

credit will be given to the extent of nine hours towards the degree of Bachelor of Business Administration: contracts, agency, personal property, real property and torts.

### **FEES AND REGISTRATION**

Annual fees are charged as follows: tuition fee \$105; law library fee \$5; gymnasium-athletic fee \$10; medical fee \$5. The gymnasium-athletic fee provides the use of gymnasium, services of the director of physical training, and a season ticket admitting to all major athletic events on the home grounds. The medical fee is required of every student who is not a resident of New Orleans.

Students residing in New Orleans with parents or guardians may, at their option, receive the medical service upon payment of the fee at matriculation. The law library fee, the gymnasium-athletic fee, the medical fee and one-half of the tuition fee must be paid in advance on the registration day, and the other half of the tuition fee must be paid on the first day of the second term. A late registration fee of \$2 is charged all students registering after the regular registration days.

The regular registration days in 1918, are for new students, Monday, September 23; for old students, Tuesday, September 24.

All fees are payable to the Bursar of the University.

No student entering without transfer of credit will be allowed to enter as a regular student later than during the first ten days of the second term. No student entering later than thirty days after the opening of either term will be allowed to carry full work except with the consent of the faculty. Moreover, no student will be given credit in any half year course unless he enters it within thirty days of the beginning of the course, and no student will be given credit in any full year course unless he enters it within sixty days of the beginning of the course.

No deduction of fees is made for absence for less than a month. When the absence exceeds a month and the student has been withdrawn from the College because of continued sickness or other sufficient cause, a proportionate part of the amount paid will be refunded, on proper certificate signed by the dean of the College. Any application for restitution of tuition must be made within sixty days after the withdrawal of the student.

The tuition fee for a special course in any one subject is \$30.

A fee of \$5, to cover expenses of graduation, diploma, etc., will be charged to each person taking a degree. This fee must be paid to the

bursa of the University at least ten days before commencement. The amount will be refunded should the degree be not conferred.

Graduates of the College of Law are entitled to attend the lectures without any charge except the library fee.

---

### **LIVING EXPENSES, ETC.**

The cost of books, exclusive of the Louisiana civil code and code of practice, should not exceed twenty-five dollars a year.

Students may reside in the dormitories, or obtain board and lodging at from \$22.50 to \$30 a month in boarding houses or private families at convenient distance from the university buildings. Board and lodging in the dormitories may be had at about \$19.00 a month, not including the cost of mid-day lunches, which may be obtained on the university grounds at not over \$5.00 a month.

Application blanks for dormitory rooms may be obtained from the registrar of the University and should be filled out and filed with him by September 1st., and must be accompanied by a deposit of five dollars to secure the desired space. Applications should be made early, as the number of rooms is limited.

Fuller details may be obtained from the special Bulletin on Dormitories for which address the Registrar of Tulane University, Station 20, New Orleans, La.

---

### **DEGREES AND REQUIREMENTS FOR GRADUATION**

The degree of Bachelor of Laws (LL. B.) will be conferred upon those only who have been in attendance at this College three full years or at this College and other approved law school or schools three full years, of which the last at least has been spent at this College, and who have fulfilled the admission requirements for regular students and have successfully completed the required work in either the Louisiana law group or the common law group and who are at least twenty-one years of age or will attain that age before the first day of the next session of the University.

The degree of Doctor of Law (J. D.) will be conferred upon students who, at least two years prior to the completion of their law work, shall have received the degree of Bachelor of Arts or a substantially equivalent degree, either in the College of Arts and Sciences of this University or in some other approved college or university, and who have completed the course prescribed for receiving the degree of Bachelor of Laws, and who have maintained an exceptionally high standard of scholarship, and who present a thesis of between five and



ten thousand words of text satisfactory to the faculty of law, which thesis shall become the property of the University.

Diplomas are conferred at the general university commencement.

Students completing their courses with marked excellence will be graduated with distinction.

Candidates for graduation in common law are required to take all courses except those marked with a star.

Candidates for graduation in Louisiana Law are required to take all courses except those marked with a dagger.

### COURSES OF STUDY

*(The school year is divided into two equal terms. Unless otherwise indicated courses run through both terms.)*

#### THREE YEAR COURSE

##### First Year Class

(Text and Case Books are subject to change.)

**Agency:** General principles; capacity to act as agent, as principal; what acts may be done through an agent, delegation by agent; agent's power to obligate principal to third persons, torts, contracts, crimes; agent's personal liability to third persons; undisclosed principal; ratification; termination of agency; reciprocal duties of agent and principal to each other; fellow servant rule.

Three hours a week the second term. Wambaugh's Cases.

PROFESSOR TURCK.

**Contracts:** Agreement: offers and their duration and termination, modes of acceptance; consideration; promises under seal; persons affected by contracts: contracts for benefit of third persons, assignment of contracts, joint obligations; performance of contracts: conditions express and implied, impossibility as an excuse; illegal contracts: restraint of trade, wagers and gaming contracts, contracts obstructing the administration of justice, miscellaneous illegalities; discharge of contracts.

Three hours a week. Williston's Cases.

PROFESSOR LANGMAID.

**Courts and Judicial Procedure:** An introductory course dealing with the history, organization and jurisdiction of the English common law courts; the development and scope of the common law forms of action; the joinder and election of actions; writs and process; the pleadings and proceedings in an action.

One hour a week the first term. Perry on Common Law Pleading.

PROFESSOR LANGMAID.

**Criminal Law:** Sources of the criminal law in the United States; the elements of crime; union of act and intent: effect of consent, condonation, coercion; the criminal intent; intent as affected by mistake, infancy, insanity; the criminal act; authorization; combinations in crime; specific offenses: assault, battery, imprisonment, homicide, larceny, embezzlement, obtaining by pretence, burglary, arson, forgery.

Three hours a week the first term. Beale's Cases on Criminal Law.  
PROFESSOR TURCK.

**Criminal Procedure.**

Jurisdiction; venue; prosecution; arrest; extradition; bail; the grand jury; form and requisites of the indictment in general and of particular averments; arraignment, pleas and motions; trial: right to jury trial, qualifications of jurors, rights of the accused, proceedings in a trial; new trial; arrest of judgment; judgment, sentence and execution; appeal, writ of error and certiorari; punishment; discussion of forms of indictment and practice in drawing bills of exceptions.

Two hours a week the second term. Mikell's Cases on Criminal Procedure.  
MR. LUZENBERG.

**Personal Property at Common Law:** Possession: nature of, rights based upon; acquisition of title to chattels by purchase, judicial proceedings, statutes of limitations, accession, confusion, satisfaction of judgment, gift; sale and bailment distinguished; liens and pledges: acquisition, enforcement, loss, assignability; rights of action of bailor and bailee.

Two hours a week the first term. Warren's Cases.  
PROFESSOR NORTHRUP.

**Real Property at Common Law:** This course covers briefly in outline the principal topics of the common law of real property and is given to Louisiana students that they may acquire such a general knowledge of the terminology and principles of that branch of the common law as will assist them in the understanding and study of cases on other topics involving references to real property law and as will be of value to the Louisiana practitioner in view of the fact that his state is surrounded by jurisdictions administering the common law of real property. This course is also required of students taking the common law group of courses, as an introductory course, covering the subjects of tenure, estates, seisin, disseisin and conveyance at common law.

Two hours a week the second term. Text-book to be announced.  
PROFESSOR NORTHRUP.

**Torts:** Injuries to person or property: intentional results (assault, battery, imprisonment, trover); unintentional results (negligence); legal cause; defences (leave and license, contributory negligence, contributory illegality); special duties of owners or occupants of property (occupiers of land, users of dangerous property, possessors of animals). Injuries causing pecuniary loss: deceit, defamation, malicious prosecution, interference with contractual and business relationships.

Three hours a week the first term; two hours a week the second.  
Ames and Smith's Cases. PROFESSOR LANGMAID.

**Roman Law:** A general historical introduction, tracing the development of the law from the twelve tables to Justinian; a study of the Institutes of Justinian with special emphasis on the following topics: the family law, testate and intestate succession, contracts and delicts. Optional course.

Two hours a week. Morey's Outlines of Roman Law. Moyle's Institutes of Justinian. PROFESSOR BRCHTEL.

### Second Year Class

**Bills of Exchange and Promissory Notes:** Formal requisites of negotiability; acceptance; delivery; consideration; negotiation: by delivery, by endorsement; rights and duties of holders; liability of maker, acceptor, drawer, endorser; discharge; the subject being treated both at the common law and under the Negotiable Instruments Law.

Three hours a week the second term. Smith and Moore's Cases.  
MR. DUNBAR.

**\* Contractual Obligations under the Civil Code of Louisiana:** Peculiar doctrines, not considered in the course on contracts, arising from the provisions of the Louisiana code under the heads of: natural obligations; proposal and acceptance; cause or consideration; error; fraud; violence or threats; lesion; avoidance of contracts; effect of obligations; personal, heritable and real obligations; simple and conditional obligations; obligations several, joint, and in solido; stipulation pour autrui; extinguishment of obligations: payment, novation, remission, compensation, confusion, nullity and rescission.

Two hours a week. Louisiana Civil Code and assigned cases.

MR. PERRET.

**Equity:** Nature of jurisdiction; specific performance of contracts, covering discussion of affirmative and negative contracts, mutuality, relief for and against third persons, incidents to the right

of specific performance: consideration, statute of frauds, part performance, fraud, misrepresentation and concealment, mistake, hardship and unfairness; specific reparation and prevention of torts, covering discussion of waste, trespass, disturbance of easement, nuisance, interference with business relations; bills of interpleader; bills of peace; bills quia timet; removal of cloud on title; reformation and rescission of contracts.

Two hours a week. Ames' Cases on Equity, Vols. I and II.

PROFESSOR SCHWARZ.

**Evidence:** Judicial notice; presumptions; burden of proof; law and fact; principles and rules of exclusion; matters misleading, prejudicial and complicating or of slight, remote, or conjectural significance, character of parties, confessions, hearsay, and exceptions to the hearsay rule; opinion; writings, including the parol evidence rule; witnesses.

Three hours a week the first term. Thayer's Cases.

PROFESSOR TURCK.

\* **Persons and Family Relations at Civil Law:** Two hours a week the first term. Louisiana Civil Code, Book I.

PROFESSOR CARROLL.

**Pleading:** A course on the theory and general principles of pleading at common law and under the codes: demurrers, default, negative answers or pleas, affirmative answers or pleas, dilatory pleas, several pleas, replies or replications, departure, new assignment, amendment, set off and counter claim, motions in arrest of judgment and for judgment before or notwithstanding the verdict.

Two hours a week the second term. Ames' Cases.

PROFESSOR NORTHRUP.

\* **Property at Civil Law:** Two hours a week the second term. Louisiana Civil Code, Book II.

PROFESSOR CARROLL.

**Sales:** Subject matter of sale; executory and executed sales; bills of lading and *jus disponendi*; stoppage *in transitu*; vendor's lien and remedies; fraud; factors and factors acts; warranty; remedies of buyer; statute of frauds.

Three hours a week the second term. Williston's Cases.

PROFESSOR TURCK.

### Second and Third Year Classes

Required of both second and third year students during the sessions when given.

**Bankruptcy:** Substantive and procedural law as expressed in the Federal Bankruptcy Act, and practice.

Two hours a week the first term.

(Given in 1918-19 and in alternate years thereafter).

JUDGE FOSTER.

**Federal Practice:** Jurisdiction of the federal courts; practice in those courts, with especial treatment of the practice in equity.

Two hours a week the first term.

(Given in 1917-18 and in alternate years thereafter).

JUDGE FOSTER.

† **Mortgages:** Elements of mortgage: conveyance, security, obligation secured; nature and incidents of the mortgage relation: common law relations, equity relations; extension, assignment and discharge of mortgage.

Two hours a week the first term. Kirchwey's Cases. (Given in 1917-18 and in alternate years thereafter).

PROFESSOR NORTHRUP.

**Partnership:** Creation; partnership as to third persons by estoppel; tests as to existence of partnership; nature of partnership; partnership tenure and the effect of death thereon; rights and remedies of creditors of the firm and those of individual partners; duties and liabilities of partners inter se; powers of partners; dissolution; accounting; distribution; limited partnerships.

Three hours a week the first term. Burdick's Cases. (Given in 1918-19 and in alternate years thereafter).

PROFESSOR TURCK.

† **Persons and Family Relations at Common Law:** Husband and wife at common law; wife's separate estate in equity; husband and wife under modern legislation; parent and child; infant's contracts and liability for necessities, torts and crimes.

Two hours a week the second term. Smith's Cases. (Given in 1917-18 and in alternate years thereafter).

PROFESSOR NORTHRUP.

**Public Service Companies—Carriers:** The common callings, exercise of franchise, legislation, economic monopoly as bases of the duties of public service; the service to be rendered; failure of the service, limitations of liability and excuses; rules for the service; reasonableness of the rate; prohibition of discrimination; duty to furnish adequate facilities; withdrawal from public service.

Three hours a week the first term. (Given in 1917-18 and in alternate years thereafter.) Burdick's Cases on Law of Public Service and assigned cases.

PROFESSOR TURCK.

† **Real Property at Common Law:** Nature and incidents of ownership of real property: fixtures, emblements, manure, waste, and border trees; rights in land of another: profits, natural rights in earth, land and water, easements including customary rights, easements in gross, nature, extent and extinguishment of easements, covenants running with the land at law and in equity; acquisition of real estate *inter vivos*: original acquisition, statutes of limitation, prescription, form of conveyances, description in deeds, estates created, creation of easements and profits, covenants for title, estoppel by deed, execution of deeds, dedication.

Three hours a week for the first term and two hours a week for the second. Gray's Cases, Vols. I, II and III. (Given in 1918-19 and in alternate years thereafter).

PROFESSOR NORTHRUP.

† **Wills, Descent and Administration, at Common Law:** Descent; the making, revocation and republication of wills; lapsed, void and adeemed devises and legacies; probate and administration; executor *de son tort*; estate and powers of executor or administrator; payment of debts, legacies and distributive shares.

Two hours a week the first term. (Given in 1917-18 and in alternate years thereafter. Gray's Cases on Property, Vol. IV.

PROFESSOR NORTHRUP.

### Third Year Class

**Admiralty:** Jurisdiction: As determined by place; by the subject matter; and excluded by treaty stipulation; over persons; over vessels, as affected by their nature and employment; over waters, and herein seas, lakes, bays, rivers, public waters of the United States and of the respective states; over maritime contracts and maritime torts in general. Practice: The general character and course of admiralty proceedings; special topics in relation to general average, charter-party, collision, salvage, marine insurance, respondentia and hypothecary bonds, materialmen and their lien, etc.

Two hours a week the second term.

MR. GRACE.

### Conflict of Laws:

The nature of law; jurisdiction over persons and things; the importance and meaning of domicile as the basis of personal jurisdiction; the extent of law as illustrated by jurisdiction to levy personal, property, and privilege taxes; the jurisdiction of courts in rem, in personam, and quasi in rem (including for divorce); the law governing remedies, including rights of action and procedure; the law governing, first, the creation, and then, the extraterritorial recognition and enforcement of

personal and property rights, including questions of capacity, marriage, legitimacy, adoption, inheritance, rights issuing from obligation *ex delicto*, and the interpretation, obligation, effect, performance assignment, and discharge of contracts; the administration of estates upon death, minority, insolvency and receiverships; the nature and effect of judgments and their enforcement outside the state where rendered; extraterritorial rights under penal obligations.

Two hours a week. Beale's Cases, Shorter Selection.

PROFESSOR LEMANN.

**Constitutional Law:** The respective spheres of the national and state governments under the constitution of the United States; uniform powers of the national government with respect to the state areas, organized territories, unincorporated territory; operation of the constitution as to persons: citizenship, alienage, privileges and immunities of national citizenship, of state citizenship; principle of division of powers in the state and national constitutions; constitutional limitations, state and national, with emphasis upon due process of law, equal protection, impairment of contracts, *ex-post facto* laws and the police power; extensive study of the regulation of commerce.

Two hours a week. Hall's Cases. PROFESSOR LANGMAID.

**Corporations:** Nature of corporation: distinguished from other forms of business associations, the entity theory and when disregarded; the formation and promotion of corporations; the powers of corporations; liability for torts and crimes; unauthorized corporate action: the *de facto* corporation, *ultra vires* acts; rights and obligations of officers, directors and stockholders; rights of creditors; reorganization of corporations.

Three hours a week the second term. Warren's Cases (Second Edition).

PROFESSOR TURCK.

\* **Louisiana Practice:** Two hours a week. Louisiana Code of Practice and assigned cases.

PROFESSOR BEATTIE.

\* **Successions; and Special Contracts, including Lease, Pledge, Suretyship:** Two hours a week. Louisiana Civil Code and assigned cases.

PROFESSOR FENNER.

**Trusts:** Nature and requisites; trust distinguished from debt, bailment, assignment of chose in action, equitable charge, executorship; language necessary to create trust; consideration; statute of frauds; subject-matter of trust, charitable trusts; trustee; *cestui que* trust; notice to *cestui*; nature of *cestui que* trust's interest; duties and obligations of trustee: investment of trust funds, custody of trust res, delegation of powers; transfer of trust property by trustee, by *cestui*,

by death, forfeiture, marriage; effect of bankruptcy of trustee, of cestui; rights of creditors to reach interests of trustee; of cestui; extinguishment of trust; resulting and constructive trusts.

Two hours a week the second term. Ames' Cases.

PROFESSOR LANGMAID.

## FOUR YEAR COURSE

### First Year Class

**Torts:** See description of course in first year of the three year course.

**Courts and Judicial Procedure:** See description of course in first year of the three year course.

**English:** Composition and Rhetoric, American Literature. Courses 1 and 2 offered by the department of English in the College of Arts and Sciences.

Three hours a week.

**English History:** Course 4 offered by the department of History in the College of Arts and Sciences.

Three hours a week.

**Mathematics:** Algebra, Plane Trigonometry, Analytic Geometry. Courses 1, 2 (a) and 3 offered by the department of Mathematics in the College of Arts and Sciences.

Five hours a week.

**Latin or French:** Latin 0 or Latin 1, French 1 or 2, as offered by the departments of Classical and Romance Languages in the College of Arts and Sciences. Students offering no French for admission, must take French 1.

Three hours a week.

**Physical and Military Training.**

### Second Year Class

**Agency.**

**Contracts.**

**Criminal Law.**

**Criminal Procedure.**

**Personal Property at Common Law.**

**Real Property at Common Law.**

For description of these courses, see the first year of the three year course.

**French, Roman Law or Economics,** as offered by the Faculty of Arts and Sciences. Students not having the equivalent of French 2 must pass that course. Those having had the equivalent of French



2 may take Roman Law, if having a sufficient knowledge of Latin, or Economics I.

### **Third and Fourth Years.**

These are the same as the second and third years of the three year course.

---

## **GENERAL INFORMATION**

### **The Association of American Law Schools**

The College of Law of Tulane University is a member of the Association of American Law Schools, an association of forty-seven law schools whose object is the improvement of legal education in America, especially in the law schools. The association requires of the law schools comprising it the maintenance of certain standards of excellence and has among its members the leading law schools of the country.

### **Advantages of Location**

New Orleans offers many special attractions to the law student. Besides its municipal and other local courts, it is the seat of the Louisiana State Supreme Court, of the United States District Court and of the United States Circuit Court of Appeals. The opportunity to observe the proceedings of these courts, the practice of many eminent lawyers, and the conduct of much of the most important commercial litigation of the South is no small advantage. It should be noted that while the pleading and practice of Louisiana is governed by a code, the code was based upon common law procedure, which it was merely intended to simplify. The Louisiana law of trial evidence is that of the common law states.

### **Studies in the College of Arts and Sciences**

The College of Law is located in Gibson Hall on St. Charles Avenue, opposite Audubon Park. It is therefore in close touch with the College of Arts and Sciences, and students may take advantage of the opportunity, if they have the time and feel the need, to pursue courses in history, political economy, languages, etc. The courses of study in the College of Arts and Sciences are open to law students capable of doing the work, without extra charge, upon securing permission from the secretary of the College of Law. Laboratory fees will be charged for courses requiring laboratory work.

The university library, gymnasium and other facilities are open without distinction to all students of the University.

**Physical and Military Training**

Attendance in the gymnasium during his first year for three hours each week in systematic physical and military training is required of every student not over twenty-five years of age, who enters the first year of the course, unless he is excused by the university medical officer, or, on presenting satisfactory evidence of having had equivalent training at another college or university, is excused by the secretary of the College. At the opening of the term a thorough physical examination is given each student, and, when needed, special physical training or medical attention is prescribed. • No request for excuse from the gymnasium work will be entertained unless this physical examination has first been made.

Optional classes are organized for the students in the upper classes and they are urged to give proper attention to systematic exercise.

**Address all inquiries about the law courses to**

**The Secretary of the College of Law,  
Tulane University, New Orleans.**

## COLLEGE OF MEDICINE

### SCHOOL OF MEDICINE

#### FACULTY—1918-1919

- ROBERT SHARP, A. M., Ph. D., President of the University,  
7325 St. Charles Avenue.
- ISADORE DYER, Ph. B., M. D., Dean and Professor of the Dis-  
eases of the Skin, 2222 Prytania Street.
- 
- JOHN BARNWELL ELLIOTT, A. B., M. D., *Emeritus* Professor of  
the Theory and Practice of Medicine. Highlands, N. C.
- EDMOND SOUCHON, M. D., *Emeritus* Professor of Anatomy and  
Clinical Surgery. 2403 St. Charles Avenue.
- LOUIS FAVROT REYNAUD, M. D., *Emeritus* Professor of *Materia*  
*Medica*, Therapeutics, and Clinical Medicine.  
1238 Josephine Street.
- ERNEST SYDNEY LEWIS, B. Sc., M. D., *Emeritus* Professor of  
Obstetrics and Gynecology. 1625 Louisiana Avenue.
- 
- RUDOLPH MATAS, M. D., Professor of General and Clinical  
Surgery. 2255 St. Charles Ave.
- ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry  
and Medical Jurisprudence. 9 Rosa Park.
- JOHN TAYLOR HALSEY, M. D., Professor of Pharmacology,  
Therapeutics, and Clinical Medicine. 1406 Seventh Street.
- JOHN BARNWELL ELLIOTT, JR., A. M., M. D., Professor of  
the Theory and Practice of Medicine and of Clinical Medicine.  
1423 Louisiana Avenue.
- ERASMUS DARWIN FENNER, A. B., M. D., Professor of Or-  
thopedics and Surgical Diseases of Children.  
850 Carondelet Street.
- MARCUS FEINGOLD, M. D., Professor of Ophthalmology.  
4206 St. Charles Avenue.
- CHARLES WARREN DUVAL, M. A., M. D., Professor of Pathology  
and Bacteriology. 8 Richmond Place.
- WILLIAM WALTON BUTTERWORTH, M. D., Professor of  
Diseases of Children. 3914 Prytania Street.
- IRVING HARDESTY, A. B., Ph. D., Professor of Anatomy.  
1101 Broadway.

**HERMANN BERTRAM GESSNER, A. M., M. D.,** Professor of  
Operative Surgery and of Clinical Surgery.

119 Audubon Boulevard.

**GEORGE SAM BEL, M. D.** Professor of Clinical Medicine.

1204 Napoleon Avenue.

**SAMUEL MARMADUKE DINWIDDIE CLARK, B. Sc., M. D.,**  
Professor of Gynecology and Clinical Obstetrics.

1619 Arabella Street.

**JAMES BIRNEY GUTHRIE, B. Sc., M. D.,** Professor of Clinical  
Medicine.

1420 Octavia Street.

**CHARLES JEFFERSON MILLER, M. D.,** Professor of Obstetrics  
and Clinical Gynecology.

1638 Joseph Street.

**CHARLES CASSEDY BASS, M. D.,** Professor of Experimental Medi-  
cine and Director of the Laboratories of Clinical Medicine.

1338 Broadway.

**JOSEPH DEUTSCH WEIS, M. D.,** Professor of Tropical and Clini-  
cal Medicine.

1448 Jackson Avenue.

**ISAAC IVAN LEMANN, M. D.,** Professor of Clinical Medicine.

6110 St. Charles Avenue.

**ROY MCLEAN VAN WART, B. A., M. D.,** Professor of Psychiatry.

450 Audubon Street.

**WALTER EUGENE GARREY, Ph. D., B. S., M. D.,** Professor of  
Physiology.

2123 Palmer Avenue.

**ROBERT CLYDE LYNCH, M. D.,** Professor of Otology, Rhinology  
and Laryngology.

1202 Broadway.

**STEPHEN MERTLE BLACKSHEAR, M. D.,** Clinical Professor of  
Otology, Rhinology and Laryngology.

1907 Prytania St.

**JAMES PHARES O'KELLEY, M. D.,** Clinical Professor of Otology,  
Rhinology and Laryngology.

1701 Marengo.

**HENRY EDWARD MENAGE, M. D.,** Clinical Professor of Diseases  
of the Skin.

4521 Dryades St.

**LAURENCE RICHARD DEBUYS, B. S., M. D.,** Clinical Professor of  
Pediatrics.

1776 State Street.

**JACOB WARREN NEWMAN, Ph. D., M. D.,** Clinical Professor of  
Obstetrics.

3512 St. Charles Avenue.

**JOSEPH HUME, Ph. B., M. D.,** Professor of Genito-Urinary and Ven-  
ereal Diseases.

1623 Seventh Street.

**WILLIAM HENRY SEEMANN, M. D.,** Professor of Hygiene.

4439 De Montluzin Street.

## ASSOCIATE AND ASSISTANT PROFESSORS

- HENRY BAYON, A. M., M. D., Associate Professor of Anatomy.  
2212 Napoleon Avenue.
- JOHN SMYTH, M. D., Assistant Professor of Clinical Surgery.  
7 Richmond Place.
- MAURICE JOHN COURET, A. M., M. D., Assistant Professor of  
Pathology and Bacteriology. 3803 Camp Street.
- CHARLES LEVERICH ESHLEMAN, A. B., M. D., Assistant Pro-  
fessor of Clinical Medicine. 1003 Broadway.
- FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of  
Physiology and of Pharmacology. 1310 St. Andrew Street.
- WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor  
of Bacteriology. Fontainebleau Drive
- SIDNEY KOHN SIMON, A. B., M. D., Assistant Professor of Clini-  
cal Medicine. 1007 Broadway.
- JOHN ALEXANDER LANFORD, Ph. G., M. D., Assistant Pro-  
fessor of Surgical Pathology. 1551 Canal Street
- CARROLL WOOLSEY ALLEN, M. D., Assistant Professor of Clini-  
cal Surgery. 4304 Coliseum Street.
- URBAN MAES, M. D., Assistant Professor of Clinical Surgery and  
Demonstrator in the Miles Laboratory of Operative Surgery.  
1671 Octavia Street.
- ISIDORE COHN, M. D., Assistant Professor in the Laboratory of  
Minor Surgery and Instructor in Clinical Surgery.  
3435 Prytania Street.
- OSCAR WALTER BETHEA, M. D., Ph. G., F. C. S., Assistant  
Professor of Materia Medica and Pharmacology.  
1735 S. Carrollton Avenue.
- MAURICE JOSEPH GELPI, A. B., M. D., Assistant Professor of  
Gynecology.  
3720 Canal Street.
- RANDOLPH LYONS, A. B., M. D., Assistant Professor of Clinical  
Medicine.  
1428 First Street.
- MARION SIMS SOUCHON, M. D., Assistant Professor of Clinical  
Surgery. 2405 St. Charles Avenue.
- WILBUR CLEVELAND SMITH, M. D., Assistant Professor of  
Anatomy. 1475 Calhoun Street.
- VICTOR CONWAY SMITH, M. D., Assistant Professor of Oph-  
thalmology. 1417 Annunciation Street.
- ROBERT ALEXANDER STRONG, M. D., Assistant Professor of  
Pediatrics. P. O. Box 95, Pass Christian, Miss.

PAUL AVERY McILHENNY, M. D., Assistant Professor of Orthopedics and Surgical Diseases of Children. 1313 Philip Street.

RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology. 1524 Harmony Street.

LUTHER SEXTON, M. D., Assistant Professor of Clinical Minor Surgery. 1623 Fourth Street.

FOSTER MATTHEW JOHNS, M. D., Assistant Professor of Medicine in the Laboratories of Clinical Medicine. 2321 Palmyra Street.

DEMONSTRATORS, LECTURERS, AND INSTRUCTORS

WILLIAM MARTIN PERKINS, B. Sc., M. D., Instructor in Clinical Surgery. 2123 Coliseum Street.

HAMILTON POLK JONES, M. D., Instructor in Clinical Medicine. 6110 Marquette Place.

JAMES TOWNSEND WOLFE, M. D., Instructor in Diseases of Children. 1719 N. Claiborne Avenue.

ANSEL MARION CAINE, M. D., Instructor in Anesthetics. 1528 Louisiana Avenue.

LUCIAN HYPOLITE LANDRY, M. D., Assistant Demonstrator of Operative Surgery and Instructor in Clinical Surgery. 1214 Nashville Avenue

GEORGE KING LOGAN, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 1539 Philip Street.

JAMES CLIFTON COLE, M. D., Instructor in Medicine, and in the Laboratories of Clinical and Tropical Medicine. 1637 Third Street.

ERNEST CHARLES SAMUEL, M. D., Instructor in Clinical Medicine and Radiology. 1416 Peniston Street.

HENRY LEIDENHEIMER, M. D., Clinical Assistant in Surgery. 5423 Camp Street.

EPHRAIM DENEUFBOURG FRIEDRICHS, M. D., Instructor in Clinical Obstetrics. 474 Pine Street.

WILLIAM DAVID PHILLIPS, B. S., M. Phar., M. D., Instructor in Clinical Obstetrics. 479 Audubon Street.

MARY ELIZABETH BASS, M. D., Instructor in Laboratory of Clinical Medicine and Instructor in Pathology and Bacteriology. 3513 Prytanía Street.

MARION EARLE BROWN, M. D., Clinical Assistant in Medicine. Gretna, La.

- ADOLPH DeCAMPUS HENRIQUES, M. D., Instructor in Physiology, and in Clinical Medicine and Radiology.  
4726 Prytania Street.
- STANFORD CHAILLÉ JAMISON, M. D., Instructor in Laboratories of Clinical and Tropical Medicine and Assistant in Clinical Medicine.  
145 S. Rampart Street.
- ROBERT TROUSDALE PERKINS, A. B., M. D., Clinical Assistant in Surgery.  
5225 Camp Street.
- WILLIAM ALVIN LOVE, A. B., M. Ph., M. D., Instructor in Clinical Medicine and Medical Officer of the University.  
1423 Valence Street.
- FRANK JAMES KINBERGER, M. D., Instructor in Pediatrics.  
5225 Camp Street.
- CHARLES ADOLPH BAHN, M. D., Instructor in Ophthalmology.  
1524 State Street.
- CHARLES JAMES BLOOM, B. S., M. D., Instructor in Pediatrics. Children.  
1635 Valence Street.
- HENRY DASPIT, M. D., Instructor in Diseases of the Nervous System  
1907 Prytania Street.
- EDWARD LACY KING, A. B., M. D., Instructor in Obstetrics.  
821 Robert Street.
- WALDEMAR RICE METZ, B. S., M. D., Instructor in Medicine and Demonstrator in Pathology and Bacteriology.  
9 Rosa Park.
- EDMUND MOSS, M. D., Lecturer and Instructor in Infectious and Contagious Diseases.  
Octavia Apartments.
- JOHN FLEMING DICKS, M. D., Lecturer and Instructor in Gynecology.  
1904 Palmer Avenue.
- SIDNEY FRANCIS BRAUD, A. B., M. D., Instructor in Pediatrics.  
1737 Jackson Avenue
- PETER FRANCIS MURPHY, M. D., Clinical Assistant in Medicine.  
2431 Magazine Street.
- ROY BERTRAND HARRISON, M. D., Clinical Assistant in Surgery.  
2327 Napoleon Avenue.
- SIMON GEISMAR, M. D., Clinical Assistant in Surgery, and Assistant Demonstrator of Operative Surgery.  
1539 Louisiana Avenue.
- LUCIEN AMÉDÉE FORTIER, M. D., Clinical Assistant in Surgery.  
5008 Magazine Street.
- RUPERT MITCHUM BLAKELY, M. D., Clinical Assistant in Surgery.  
3307 Prytania Street.

- PHILIPS JOHN CARTER, B. S., M. D., Instructor in Clinical Obstetrics.  
1654 Dufossat Street.
- WILL O'DANIEL JONES, M. D., Assistant Instructor in Gynecology.  
1321 State Street.
- GEORGE BUNCH ADAMS, M. D., Instructor in Pathology and Bacteriology.  
Charity Hospital
- LOUIS ALEXANDER HEBERT, B. S., M. D., Demonstrator in Pathology.  
Charity Hospital.
- THOMAS BENTON SELLERS, M. D., Instructor in Anatomy.  
1607 Pine Street.
- HENRY JOHN LINDNER, M. D., Clinical Assistant in Genito-Urinary and Venereal Diseases.  
301 S. Pierce Street.
- HAROLD JOSEPH GONDOLF, M. D., Assistant Instructor in Laboratory of Clinical Medicine and Assistant in Medicine.  
5359 Magazine Street.
- WILLIAM SAMUEL KERLIN, M. D., Clinical Assistant in Medicine and Assistant Demonstrator in Pathology and Bacteriology.  
5900 Prytania Street.
- ROBERT BERNHARD, M. D., Clinical Assistant in Medicine.  
2506 Louisiana Avenue.
- HENRY CLARENCE LOCHTE, M. D., Assistant Instructor in Laboratory of Clinical Medicine.  
706 Carrollton Avenue.
- LOUIS VYASA JAMES LOPEZ, M. D., Clinical Assistant in Psychiatry.  
3711 Carondelet Street.
- KENNETH WILLIAM KINNEY, M. D., Clinical Assistant in Psychiatry.  
1427 Calhoun Street.
- JAMES MONROE BAMBER, M. D., Clinical Assistant in Medicine.  
Julia and Carondelet Streets.
- EDMUND LAWRENCE LECKERT, M. D., Clinical Assistant in Surgery.  
1225 Magazine Street.
- DAVID FREDERICK WAIDE, M. D., Instructor in Otology, Rhinology and Laryngology.  
347 Audubon Street.
- PAUL GEORGE LACROIX, B. S., M. D., Assistant Demonstrator in the Laboratory of Minor Surgery and Clinical Assistant in Surgery.  
506 Flood Street.
- HENRY NATHAN BLUM, M. D., Instructor in Ophthalmology.  
1436 Webster Street.
- GEORGE KING PRATT, JR., B. S., M. D., Assistant in Clinical Medicine.  
1806 Milan Street.
- LOUIS JOSEPH DUBOS, JR., A. B., M. D., Assistant in Clinical Medicine.  
7503 St. Charles Avenue.



- BENJAMIN BASHINSKI, M. D., Clinical Assistant in Diseases of Children. 1538 Seventh Street.
- ADDLEY HOGAN GLADDEN, JR., A. B., M. D., Assistant Instructor in Gynecology. 6027 Pitt Street.
- MUIR BRADBURN, B. S., M. D., Assistant Demonstrator in Operative Surgery. 2336 Octavia Street.
- HENRY THEODORE SIMON, M. D., Assistant in Clinical Medicine. 1617 St. Charles Avenue.
- COVINGTON HARDY SHARP, M. D., Clinical Assistant in Otolaryngology, 7325 St. Charles Avenue.
- BENEIJAH GIBSON WILBERT, M. D., Clinical Assistant in Otolaryngology, Rhinology and Laryngology. 1614 Thalia Street.
- PETER GRAFFAGNINO, M. D., Assistant Instructor in Gynecology, 2822 De Soto Street.
- HILLIARD EVE MILLER, M. D., Assistant Instructor in Obstetrics and Gynecology.
- MAURICE SAMUEL ROSENTHAL, B. S., M. D., Assistant Instructor in Clinical Medicine. 2026 Carondelet Street.
- OCTAVE CHARLES CASSEGRAIN, M. D., Clinical Assistant in Surgery, 2659 De Soto Street.
- ADOLPH JACOBS, A. B., M. D., Clinical Assistant in Surgery, 3501 Carondelet Street.
- HARRY EVERETT NELSON, M. D., Clinical Assistant in Surgery 3600 Banks Street.
- ABRAHAM MATTES, M. D., Clinical Assistant in Surgery. 1719 Baronne Street.
- DOMINICK ANDREW PALMISANO, M. D., Clinical Assistant in Medicine. 1438 Pine Street.
- ROBERT ALFRED DAVIS, M. D., Clinical Assistant in Ophthalmology, 1125 Lowerline Street.
- ALFREDO ALONSO CANTU, B. Sc., M. D., Clinical Assistant in Gynecology. 1916 Canal Street.
- ROBERT HOLLINGSWORTH POTTS, M. D., Instructor in Pathology. 308 South Broad Street.
- ANDREW VALLOIS FRIEDRICHS, B. S., M. D., Assistant Demonstrator in Pathology. Metairie Ridge.
- LAWRENCE ARTHUR JAMES BRENNAN, M. D., Assistant Demonstrator in Pathology. 2026 Carondelet Street
- MAUD LOEBER, A. B., M. A., M. D., Clinical Assistant in Pediatrics. 2315 Carondelet Street.

- HUGH LEO DWYER, D. V. M., D. P. H., M. D., Clinical Assistant  
in Diseases of Children. 939 State Street.
- WILLIAM RUSSELL GRAVES, M. D., Clininal Assistant in Ped-  
iatrics. 5030 Magazine Street.
- HOMER RAYMOND BLINCOE, B. A., M. Sc., Instructor in Anat-  
omy. Station 20.
- CLAUDE MOSLEY BAKER, Instructor in Anatomy, Station 20.
- EVERETT CYRIL ALBRITTON, B. A., Instructor in Anatomy.  
6035 Pitt Street.
- MRS. JOSEPHINE WILLIAM VANN, Student Assistant in Anat-  
omy. Station 20.
- EDWIN LIONEL JOSEPH ZANDER, Student Assistant Instructor  
in Physiological Chemistry and in Physiology. Station 20.
- LAWRENCE CORBIN BARBER, Student Assistant in Chemistry,  
Station 20.
- EARL ROY CAMPBELL, B. A., Student Assistant in Chemistry.  
Station 20.
- RICHARD ASHMAN, B. L., Instructor in Physiology.  
Station 20.
- PHILIP MCKINLEY AWTREY, Student Assistant in Anatomy.  
Station 20.
- MACK J. BERGERON, Assistant in Laboratory of Pathology.  
Station 20.

---

### ANNOUNCEMENT

This department was founded in 1834, as the Medical College of Louisiana; in 1847 it became the Medical Department of the University of Louisiana, around which the Colleges of Law and of Arts and Sciences developed, until in 1884, the University of Louisiana became the Tulane University of Louisiana. It is the oldest Medical College in the Southwest and has the greatest number of Alumni. To June, 1918, there have been graduated 4863 in Medicine.

---

### GENERAL STATEMENT

Beginning with the session 1913-14, the name of The Tulane Medical Department was changed to THE TULANE COLLEGE OF MEDICINE, which embraces the School of Medicine, The Graduate School of Medicine, The School of Dentistry, The School of Pharmacy, and The School of Hygiene and Tropical Medicine, including Preventive Medicine.

### **SCHOOL OF MEDICINE**

**The Eighty-Fifth Annual Session Opens MONDAY, SEPTEMBER 23, 1918.**

Students of the first two years are taught on the University Campus. During the last two years the courses are given in the Hutchinson Memorial on Canal Street, near the business center, and at the various institutions with which the Tulane Medical School is associated, viz., the Charity Hospital, the Touro Infirmary, etc.

---

### **RICHARDSON MEMORIAL**

and

### **RICHARDSON CHEMISTRY BUILDING**

The Richardson Memorial Building on the Tulane Campus provides the laboratories and equipment for all the teaching of the first two years, excepting for Chemistry, which is taught in the extensive laboratories of the Richardson Chemistry Building, also located on the Tulane Campus. The facilities afforded for the thorough instruction of students in their first two years in medicine are fully in accord with the highest demands of modern medical education.

---

### **HUTCHINSON MEMORIAL**

The Josephine Hutchinson Memorial Building on Canal Street, with its numerous laboratories and lecture halls provides every facility for the teaching of the last two years. This building is located within two blocks of the Charity Hospital where most of the clinical instruction is conducted.

---

### **DORMITORIES FOR MEDICAL STUDENTS**

Dormitories have been provided in the first two years, for a limited number of medical students who will have the surroundings of a residential neighborhood and, besides, the contact with the students of the undergraduate colleges, thus broadening their education and college spirit.

---

### **CHARITY HOSPITAL**

The use of the wards of the great Charity Hospital of New Orleans, with over 1100 beds, annually occupied by from nine to ten thousand patients, and the use of two clinical buildings, with about 30,000 outdoor patients annually, have been given by the Legislature to the teaching staff of the College of Medicine of The Tulane University of Louisiana, for the practical instruction of its students, not only in

all the divisions of medicine and surgery, but also in obstetrics and gynecology, as well as in pathology. Medical students are given access to the Charity Hospital free, and enjoy far better opportunities for the study of diseases therein than are usually possible in the hospitals of other cities. For the study of diseases of the South and also of exotic types of conditions of tropical origin there is no field comparable to the wards of this hospital. Between the Josephine Hutchinson Memorial Building of the College of Medicine and the Charity Hospital there are only two squares, which distance is readily walked in three minutes.

#### **OUT CLINICS**

The clinical buildings for outdoor patients are subdivided into different services, namely: for medical cases, for nervous diseases, for surgical cases; for genito-urinary and venereal diseases; for skin diseases; for diseases of the eye; of the ear, nose and throat, and for cases of dentistry. In addition to these services there is a surgical service for boys, an obstetrical and a gynecological service, and a pediatric service. There is also a Pasteur Clinic for all races, ages, and sexes.

#### **JOSEPHINE HUTCHINSON MEMORIAL CLINIC.**

Additional clinical provision is to be afforded through the building erected and formerly used by the New Orleans Polyclinic and owned by the College of Medicine. The three floors are used for clinics, expanding the Charity Hospital service and making fifteen clinics in all.

#### **MILLIKEN MEMORIAL**

The advantages of the Charity Hospital, as one of the greatest schools in the world for practical instruction, were further increased in 1899 by the addition of the Milliken Memorial, a model building for the accommodation of two hundred sick children.

#### **THE DELGADO MEMORIAL**

The Delgado Memorial was completed and formally dedicated at the Charity Hospital with appropriate ceremonies on December 19th, 1908, and was opened for the reception of patients on April 19th, 1909. This beautiful building was "erected in loving memory of Samuel and Virginia Delgado, for the relief of the suffering poor of both sexes who may be benefited by the Science and Art of Surgery." The Memorial occupies a conspicuous place on the grounds of the Charity Hospital with the entrance facing on Tulane Avenue. It is a five story building, strictly fire-proof. It was erected and equipped at a cost of two hundred thousand dollars.

The honor of naming the two chief operating rooms the "**Ernest S. Lewis**" and the "**Rudolph Matas**" operating rooms was conferred by Mr. Delgado on these two members of the Tulane Faculty, with the concurrence and approval of the Board of Administrators of the Hospital, not only as an expression of his personal friendship for these gentlemen, but of his appreciation of their long service as visiting surgeons and teachers at the Charity Hospital.

The greatest significance is attached to Mr. Delgado's generous donation from the point of view of medical education and progress, and he has specifically stated that the operative material of the Memorial shall always be at the disposition of the heads of the departments of Surgery and Gynecology in Tulane, and for these departments the building was erected and arranged.

Upon the death of Mr. Isaac Delgado, on January 4, 1912, the further sum of \$100,000 was left in trust with the provision that the income should be administered in carrying out the original wishes of the testator when the Memorial was erected. That this might be done in the further interest of the School of Medicine the trustees named were Professors Matas and Lewis and the Dean of the School of Medicine and their successors.

### CLINICAL INSTRUCTION

The professors and clinical instructors are attending physicians or surgeons of the various hospitals and visit their wards and clinics daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded and are taught practically, including all modern methods of clinical, microscopical and laboratory diagnosis, and surgical procedure and technic. Surgical operations are performed and lectures delivered upon selected cases in the amphitheaters of the hospital.

Special clinical instruction is given to all students of the third and fourth years, who are for this purpose divided into sections and assigned to the professors and clinical instructors in charge of wards and outdoor clinics of the hospitals. The classes thus formed interchange courses so that all students enjoy equal advantages. Competent assistants aid the clinical teachers in developing this system of instruction.

Lectures on all branches where demonstrations of cases are practicable and of service, will be delivered in the Hospital amphitheaters daily.

Sections of the classes are taught gross and special pathology by practical demonstrations in the autopsy rooms of the Pathological De-

partment of the Hospital and in the special laboratories of the Hutchinson Memorial.

---

## HOSPITAL INTERNS

---

### CHARITY HOSPITAL

The administrators of the Charity Hospital select annually, ten to twenty resident interns *from the more meritorious members of the graduating class of the Tulane School of Medicine* upon the recommendation of the Dean. These interns are entitled to board and lodging in the institution free of charge and enjoy many privileges and opportunities incident to a two years' incumbency. (During the period of the war one year services will be arranged.)

### TOURO INFIRMARY

Eight or more interns, who must also be graduates, are selected annually by the Administrators of the Touro Infirmary, upon the recommendation of the Dean of the School of Medicine.

This institution is representative of the highest type of hospital detail and equipment in all of its departments. It is non-sectarian in its charity, though the administration is directed by prominent members of the Jewish community. The visiting staff is derived from the best available men in all branches, and the Faculty of the School of Medicine of Tulane is well represented.

Through the courtesy of the Board and of the medical staff, surgical operations and other clinics at Touro Infirmary are witnessed by groups of men from the third and fourth year classes, regularly assigned to the professors and instructors in various clinical branches.

While this institution provides for the care of private patients, its charity wards and extensive clinics care for thousands of cases annually.

---

## EXTERN SERVICE

During the summer months students who have satisfactorily completed their third year and who have registered for the next session may receive appointments as externs at the Charity Hospital and at the Touro Infirmary on recommendation of the Faculty.

### OTHER HOSPITALS AVAILABLE

A number of other Hospitals in Louisiana, Alabama, Mississippi, Texas and other States, offer excellent experience, appointments to which are obtained by meritorious students upon the recommendation of the Faculty of the Tulane School of Medicine.

A number of Tulane graduates avail themselves of the ship services out of New Orleans, which are available during the summer months.

### REQUIREMENTS FOR ADMISSION

Women are admitted to all classes on the same terms as men.

The requirements for admission to the School of Medicine of the Tulane University of Louisiana are as follows:

### ADMISSION TO FRESHMAN CLASS

1. Certificate of Graduation from an acceptable High School with four years of study and fifteen units, three of which must be in English, two and a half in Mathematics, two in Latin, Greek, French, German or Spanish; one in History; the remainder (six and a half units) in acceptable credits may be elected among the following:

1. English Composition	2	16. Physics	I
2. English Literature	1 or 2	17. Chemistry	I
3. Elementary Algebra	1 ½ or 2	18. Biology (Bot. and Zool.)	I
4. Plane Geometry	1	19. Botany	I
5. Solid Geometry	½	20. Zoology	I
6. Trigonometry	½	21. Physiology	I
7. Latin	2, 3 or 4	22. Physiography	I
8. Greek	2 or 3	23. Freehand Drawing	I
9. French	2 or 3	24. Mechanical Drawing	½
10. Spanish	2	25. Wood-working	½
11. German	2 or 3	26. Foundry Work.	½
12. Ancient History	I	27. Forge Work	I
13. Med. and Mod. Hist.	I	28. Machine Tool Practice	I
14. English History	I	29. Comparative Anatomy	I
15. American History	I	30. Pharmacy	I or 2

No science credits in the high schools will be allowed without clear statement of laboratory periods.

2. Certificate showing credits for two years of acceptable college work of not less than 60 semester hours, which must include one year of Biology, one year of Physics, one year of General Chemistry, and one-half year of Organic Chemistry; one year of English, and one year of German or French.

(For the Session of 1918-1919, Organic Chemistry may be carried as a condition.)

Beginning Jan. 1, 1918, the minimum requirement for admission to acceptable medical schools, in addition to the high school work specified above, will be sixty semester hours of college work, extending through two years, of thirty-two weeks each, exclusive of

holidays, in a college approved by the Council on Medical Education. The subjects included in the two years of college work should be in accordance with the following schedule:

### **SCHEDULE OF SUBJECTS OF THE TWO-YEAR PREMEDICAL COLLEGE COURSE**

Sixty Semester Hours \* Required

Required Subjects:	Semester Hours
Chemistry.....	12
Physics.....	8
Biology.....	8
English composition and literature.....	6
Other nonscience subjects.....	12
<b>Subjects Strongly Urged:</b>	
French or German.....	6-12
Advanced botany or advanced zoology.....	3 -6
Psychology.....	3 -6
Advanced mathematics, including algebra and trigonometry.....	3 -6
Additional courses in chemistry.....	3 -6

**Other Suggested Electives:**

English (additional), economics, history, sociology, political science, logic, mathematics, Latin, Greek, drawing.

\* A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

To meet these new requirements, The Tulane University of Louisiana offers, in the College of Arts and Sciences, to graduates of acceptable high schools—

### **A PRE-MEDICAL TWO YEARS' COURSE**

FIRST YEAR	HOURS
English 1, 2 (Composition, American Literature).....	3
Latin 1*, Greek 1*, French 1, German 1, or Spanish.....	3
Elective.....	3
Chemistry 1, General.....	5
Biology**.....	5
Drawing 1, Freehand.....	1
Physical Training (military training for 1918-19).....	1
	<hr/>
	21



**SECOND YEAR**

Elective .....	3
French 2, German 2, or Spanish .....	3
Physics 1, Experimental .....	5
Biology, first term**	5
Organic Chemistry, second term }	
Psychology or History .....	3
	<hr/> 19

This course is arranged for the purpose of preparing the intending student of medicine who may enter the Freshman class in two years, upon completing the subjects as outlined.

**COMBINED COURSE FOR THE B. S. AND M. D. DEGREES**

A Combined Course is also offered in the College of Arts and Sciences through which a student, after two years of college work and two years in the regular medical course, may obtain the Bachelor of Science degree, and, after two years more in the School of Medicine, the degree of Doctor of Medicine may be received.

To obtain the degree of Bachelor of Science, the candidate must have spent at least one year in the College of Arts and Sciences of the Tulane University of Louisiana and must have completed at least fifteen hours, of those required for the degree, in the College of Arts and Sciences.

**CONTENTS OF A PRE-MEDICAL COURSE LEADING TO B. S. DEGREE**

<b>FIRST YEAR</b>	<b>HOURS</b>
English 1, 2 (Composition, American Literature) .....	3
Latin 1*, Greek 1*, French 1, or German 1 .....	3
Mathematics 2, 3, (Trigonometry, Analytic. Geometry) ....	3
Chemistry 1 (General) .....	5
Biology** .....	5
Drawing 1, Freehand .....	1
Physical Training (military training for 1918-19) .....	1
	<hr/> 21
<b>SECOND YEAR</b>	
English 3, Literature, Language .....	3
French 2, or German 2 .....	3
Physics 1, Experimental .....	5
Biology, first term**	5
Organic Chemistry, second term }	
Psychology or History .....	3
	<hr/> 19

\*Latin 1, or Greek 1, may be taken by those who have had two years of a modern language in the high school.

\*\*The course in Biology must include at least one-half year of Botany and one-half year of Zoology.

---

### **REGISTRATION FOR PRE-MEDICAL COURSES**

As these pre-medical courses are offered to students preparing to study medicine and as the arrangement of studies and classes will be made to that end, all students applying for these courses are required to register for the same with the Dean of the Tulane School of Medicine. All inquiry concerning such courses and the preliminary arrangements for such should be directed to the School of Medicine.

---

### **REQUIREMENTS FOR ADVANCED GRADES**

Official evidence showing that the holder has attended one full medical course in any regular, recognized medical college, is essential to matriculating for a second year course; and every student, prior to matriculating for a third or fourth year course, shall be required to show by similar evidence that he has previously taken two or three annual courses in medicine. To be credited with a full course, at least eighty per cent of the session must have been attended.

Students from other colleges entering the second, third, or fourth year will be required to present evidences of preliminary education, conforming to the requirements of admission to the Freshman Class at this school.

Students from other colleges, who may enter any year of this school, will be required to present a clear statement of passing credits on all subjects of years prior to the year in which admission is sought and such credits must cover the subjects and courses as given at Tulane and as outlined in the synopsis and tables given below.

Honorable dismissal from school of previous attendance is required.

Students from Class B Colleges will be required to satisfy the entrance requirements and to pass examinations on all branches covered in the Tulane curriculum of the first two years. Not more than two years credit will be allowed students from Class B Schools.

### SYNOPSIS—STUDIES AND EXAMINATIONS

The full course of Lectures and all Laboratory Courses will begin Wednesday, September 25, 1918.

**First Year (Freshman)** (a)—Chemistry, anatomy; chemistry, histology, embryology, organology, osteology, minor surgery, practical anatomy (dissecting), in their laboratories, physical training.

(b) Examinations will be required during or at the close of the first year on branches taught in this year, embraced by the departments of chemistry and anatomy and minor surgery. Records of satisfactory attendance and knowledge in the laboratories of chemistry, of minor surgery, of histology, embryology and organology, of practical anatomy, and of physical training will also be required.

**Second Year (Sophomore)** (a)—Anatomy, physiology, materia medica and pharmacology with their laboratories; physical diagnosis, and minor surgery, in their laboratories; neurology, topographical anatomy, physiology, pharmacology, pathology and bacteriology, in their laboratories.

(b) Examinations will be required during or at the close of the second year on the branches taught in this year, embraced in the departments of anatomy, physiology, of materia medica and pharmacology, physical diagnosis, pathology and bacteriology and of minor surgery. Records of satisfactory knowledge and attendance in the laboratories of anatomy, of minor surgery, of physiology, of pharmacology, and of pathology and bacteriology, will also be required.

**Third Year (Junior)** (a)—Theory and principles of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations in normal labor), and clinical instruction in those branches, gross pathological anatomy, physical diagnosis; therapeutics; clinical medicine, hygiene, diseases of the eye, of the nervous system; psychiatry, of the skin, genito-urinary and venereal diseases, diseases of children; hygiene, pathology and clinical medicine in these laboratories.

(b) Examinations will be required during or at the close of the third year on the branches taught in this year and embraced by the departments of the practice of medicine, of therapeutics, of surgery, of obstetrics, of diseases of children, and of pathological anatomy, clinical medicine, hygiene, physical diagnosis, diseases of the eye, diseases of the skin, of the nervous system, psychiatry, genito-urinary and venereal diseases. Records of satisfactory attendance and

knowledge from the laboratories of hygiene, pathology and of clinical medicine will be also required.

**Fourth Year (Senior)** (a)—The practice of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations), of therapeutics, and clinical instruction in those branches, psychiatry and diseases of the nervous system, of children, of the skin, and of the eye, ear, nose, and throat, orthopedics, medical jurisprudence and toxicology; pathology, clinical medicine, tropical and preventive medicine, and operative surgery in these laboratories.

(b) **Examinations** will be required during or at the close of the fourth year, on the branches taught in this year, embraced by the departments of the practice of medicine, of therapeutics, of tropical and preventive medicine, of surgery, of obstetrics, of pathology, of gynecology, of the diseases of children, of psychiatry and diseases of the nervous system, of the skin, and of the eye, of the ear, nose, and throat, of orthopedics and of medical jurisprudence. A record of satisfactory attendance and knowledge from the laboratories of clinical and tropical medicine, pathology and of operative surgery will also be required.

**Physical Training:** *Male students in the School of Medicine must satisfy the scheduled hours in physical training, and obtain a passing grade from the physical director, showing credit for one year's work in the Freshman class. Students offering established credits from other institutions may be excused if such credits satisfy the requirements of this institution, but such credits will not exempt them from payment of the required fee.*

**Military Training:** All male students of the first and second years—unless physically disabled and so certified by the medical officer or military authority—will be required to take military training under the rules for this prescribed course.

---

### REMOVAL OF CONDITIONS

Students of the first three years who have attended any session and failed to pass satisfactorily the examinations required for that session, and students from other colleges who may be conditioned at entrance, may stand the examinations for the removal of such conditions, at the Fall examinations held for that purpose, between September 13 and 24, and before the regular term opens.

Any student failing on two subjects in the Freshman year shall be required to repeat the year. Any student with one

failed subject may remove that subject at the fall examination for conditioned students or may carry one condition into the Sophomore year, with the understanding that said condition must be removed before the beginning of the next session following.

Any student failing on three subjects in the Sophomore year shall be required to repeat the year. Any student with two failed subjects may remove these at the fall examination for conditioned students. If only one subject is removed the student may advance to the Junior year, with the understanding that the remaining condition must be removed before the end of the Junior year. *In the event that neither of the two conditions are removed, the student cannot advance to the Junior year.*

**ALL SUBJECTS OF PREVIOUS YEARS MUST HAVE BEEN PASSED, BEFORE ADMISSION TO THE SENIOR YEAR IS ALLOWED.**

*Any student, who, during his courses in this college, convicts himself of defective general education, shall be required to remove this disability before he is graduated.*

---

**NOTICE IS GIVEN THAT ALL CONDITIONS MUST BE REMOVED BY STUDENTS IN THE MEDICAL ENLISTED RESERVE CORPS BY OCTOBER 15, 1918; FAILURE TO DO SO WILL RENDER THE STUDENT SUBJECT TO IMMEDIATE ORDERS TO ACTIVE DUTY AS PRIVATE IN THE ARMY.**

---

#### **QUALIFICATION COMMITTEES**

A committee from the Faculty of the first two years regularly reviews the work of all those students who are deficient, in order that the Faculty may pass upon their fitness to advance or to remain in the school. A like committee from the Faculty of the last two years follows a similar plan for the students in the upper classes.

### SCHEDULE OF CONDITION EXAMINATIONS FALL OF 1918

9-11 A. M.

1-3 P. M.

**September**

<b>Thursday</b>	<b>12</b>	Skin Diseases	Psychiatry; Dis. of Nervous System.
<b>Friday</b>	<b>13</b>	Medicine; Therapeutics	Obstetrics and Gynecology.
<b>Saturday</b>	<b>14</b>	Surgery	Genito-Urinary and Venereal Dis.
<b>Monday</b>	<b>16</b>	Hygiene.	Clinical Surgery, Diseases of Children.
<b>Tuesday</b>	<b>17</b>	Clinical Medicine.	Pathology and Bacteriology.
<b>Wednesday</b>	<b>18</b>	Anatomy	Histology
<b>Thursday</b>	<b>19</b>	Organology and Neurology.	Physiology.
<b>Friday</b>	<b>20</b>	Chemistry	Minor Surgery.
<b>Saturday</b>	<b>21</b>	Physical Diagnosis.	Mat. Medica and Pharmacology.
<b>Monday</b>	<b>23</b>	Diseases of the Eye.	

**NOTICE**—For condition examinations on any subject at any other time than as above scheduled, a charge of \$10 will be made for each examination. This charge must be paid by each student in advance of each examination.

### SUMMER SCHOOL OF MEDICINE

For several years the Tulane School of Medicine has provided instruction for students of this department, for intending students from other colleges and for graduates in medicine.

While a considerable part of the work of this school relates to the subjects and courses covered in the regular curriculum, and is intended for purposes of review, the Summer School has always offered advanced work, including research, for students and physicians desiring such.

All students in the Summer School are required to register at the office of the School of Medicine at the Hutchinson Memorial, No. 1551 Canal Street.

The registration fee for each student is \$5, and the fees for individual courses vary. The registration fee will entitle each matriculant to visit the Charity Hospital and the Touro Infirmary, and will also register the student, if otherwise qualified, for the next regular college term. Due notice is required, stating the intention of the student to take advantage of this double registration for one fee. No student will be so registered for the regular term without such notice, and such registration will become effective only upon

the personal presentation of the registration card of the Summer School within the first week of the opening of the regular session.

The fees and detailed information for individual courses of the summer school are printed in the regular **Announcement of the Summer School of Medicine** (sent on request).

While the summer courses offered in this school are intended for review and advanced work, credit will be given wherever the work in any one department may justify it, and upon the recommendation of the head of the department in which the instruction is given.

Students from other schools with entrance conditions and conditioned students in the School of Medicine of Tulane may satisfy their conditions by courses in the Summer School covering deficiencies, and may be examined for such conditions by the heads of departments, who may pass upon the same at the conclusion of the summer courses. Grades obtained in such examinations will be duly credited.

The Summer School begins annually the first Monday after Commencement.

---

### REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, which includes good conduct while a student of the School of Medicine, must have attained the age of twenty-one years, and must have complied with all the educational requirements.

He must have attended, in a regular and reputable medical college at least 80 per cent. of each of four full year courses, of not less than thirty-two weeks each in four separate years; and the last of these courses must have been in this institution.

Candidates for graduation must have taken (1) the required courses in all subjects; (2) the required courses of practical anatomy, including the various laboratories; (3) two courses in a chemical laboratory: one of organic chemistry and one of physiological and medical chemistry; (4) prescribed laboratory courses of histology, and organology, physiology and of pathology, bacteriology, and clinical medicine and of hygiene and tropical medicine; (5) one course in the laboratory of pharmacology; and (6) one course in a laboratory of operative surgery. They must submit evidence of satisfactory attendance and knowledge of all these laboratory courses.

Each student is required to witness at least ten cases of labor before graduation.

Every candidate for graduation must have paid all college dues, including the graduation fee, and must pass satisfactory examinations before the members of the faculty on all branches scheduled in the years of his attendance.

A candidate for graduation, who fails to pass satisfactory final examinations after two annual trials, will not be examined again. Rejected candidates are required to repeat the entire fourth year.

#### ATTENDANCE ON MORE THAN FOUR ANNUAL COURSES

Students who have attended and paid for all of the four required courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics upon payment of matriculation and laboratory fees.

**TABLE OF FEES—SESSION 1918-1919**

	Matriculation	Infirmary Fee	Gymnasium-Athletic Fee	Dissecting Material	Breakage Fee	Tuition	Graduation Fee	Totals
<b>Pre-medical Years—each..</b>	\$5	\$5	\$10	—	\$10	\$150		\$180
<b>Regular Course:</b>								
First Year.....	\$5	\$5	\$10	\$10	\$10	\$160		\$200
Second Year.....	5	5	10	5	15	160		200
Third Year.....	5	5	5		10	180		205
Fourth Year.....	5	5	5		10	180	\$30	235
	\$20	\$20	\$30	\$15	\$45	\$680	\$30	\$840

Considering the exceptional advantages for practical instruction in hospital and laboratories and the constant care and labor bestowed, the charges are as low as are compatible with the superior advantages given.

The Faculty reserves the right to increase the above fees for any year of the four-year course after the session of 1918-19.

All fees are payable on admission except the graduation fee of \$30, which is not accepted earlier than January 1, nor later than March 31. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw their applications after the final examinations.



For the accommodation of students, the payment of the tuition fee may be made in two instalments, one-half at entrance and one-half February 1. *For such accommodation a delinquent fee of two dollars will be added to the second payment.* Other fees, as stated above, are payable on admission.

#### **MATRICULATION FEE**

Every person, whether student or graduate, admitted to the privileges of this institution, must pay a matriculation or registration fee of \$5 for every session or part of session he may attend; and he will not be entitled to admission to any classes or clinics until registered.

#### **GYMNASIUM-ATHLETIC FEE**

A gymnasium-athletic fee of \$10 in the Pre-medical, Freshman and Sophomore years, and \$5 in the junior and senior years, will be charged all male students for the services of physical director, use of athletic facilities and privileges, for required gymnasium courses, etc. Students excused from Physical Training, through prior credit or for other reasons, shall not be exempt from the payment of the gymnasium-athletic fee.

#### **INFIRMARY FEE**

An infirmary fee of \$5 will be charged each session, which will cover all hospital care in the College Infirmary and will provide for *reasonable hospital expenses in cases of ordinary illness, under the rules of the infirmary committee.* This fee applies to all non-resident students and to such resident students as may avail themselves of the privilege by payment of the fee at time of registration.

#### **MICROSCOPE**

Each student entering the Medical School shall be required to have his own microscope.

#### **BREAKAGE FEES**

A breakage fee must be deposited for each course in the laboratories of anatomy, chemistry, physiology, pharmacology, pathology and bacteriology, hygiene and clinical medicine, to reimburse for breakage and needless injuries to college property. Any unused part of such fee will be refunded if proper demand is made at the end of each session, and before the beginning of the next session.

#### **FEES FOR GRADUATES**

Graduates of this College who have paid for all of the required four courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics without charge for the

professors' fees, but they will be charged the matriculation fee and the fees for all laboratory courses they may attend.

The fees for *regular laboratory courses* taken apart from regular courses are uniformly fixed at \$25. *Special laboratory courses*, experimental or research, may be arranged, for which special rates will be charged.

Students who do not attend full courses, but only partial or special courses, must pay for the tickets of the professors whom they may attend, \$25 each.

Graduates of other recognized medical colleges, who are not candidates for the M. D. degree of this college, must pay, in order to attend all lectures and the hospital during a first session, the annual matriculation fee, \$5, and an additional tuition fee of \$100. For each regular laboratory course taken the additional fee of \$25 will be charged. For any subsequent session the \$100 fee is not charged. If candidates for the M. D. degree, such student physicians must pay the regular fees.

#### REFUND OF FEES

Students who may withdraw for satisfactory reasons during the session and before March 15, will be refunded the unused balance of the fees for the session. *Prompt written notice at time of withdrawal is required to make this effective.* No refund will be made after March 15.

---

#### OTHER ANNOUNCEMENTS

**State Board Examinations.** The Louisiana State Board has announced that all students of **Class A** colleges, completing the second, or third year, and being certified by the proper authorities as having finished the required courses in the primary branches of Anatomy, Chemistry and Physiology, will be permitted to take the Board examinations on these subjects, and, if successful, these examinations will be credited towards final licensure.

**Tulane Graduates are Eligible to Fellowships** in the Royal College of Surgeons of England, and the Royal College of Physicians of London. Official notice has been given the Tulane College of Medicine that its medical graduates will be received for fellowship examinations.

---

#### GENERAL INFORMATION

Information about houses for boarding and lodging may be obtained from the Registrar or Clerk. The price usually paid by students varies from \$20 to \$25 per month. A list of desirable boarding houses

is prepared shortly before the opening of the session and may be consulted by students on their arrival at the college.

Students in the first two years who are non-residents may reside in the dormitories on the Campus.

Applications for dormitory rooms should be made as early as possible, before the term opens, to the Registrar, Gibson Hall, Tulane University. Application must be accompanied by a deposit of five dollars to secure accommodation.

On request to the Dean's office parents or guardians will be furnished with students' records, *at the end of each session.*

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department in the first and second years should be addressed "Richardson Memorial, Tulane Campus," Station 20, New Orleans, La.; for students of third and fourth years, "Hutchinson Memorial", 1551 Canal Street, or P. O. Box 770, New Orleans, La.

For Bulletin of the School of Medicine containing detail information as to courses of study, etc., address:

**Dr. Isadore Dyer, Dean, School of Medicine,  
The Tulane University of Louisiana,  
P. O. Box 770, New Orleans, La.**

## **COLLEGE OF MEDICINE**

### **GRADUATE SCHOOL OF MEDICINE**

**(NEW ORLEANS POLYCLINIC)**

#### **FACULTY—1918-1919**

**ROBERT SHARP, A. M., Ph. D.,** President of the University.

**CHARLES LOUIS CHASSAIGNAC, M. D.,** DEAN and Professor of Genito-Urinary and Rectal Diseases.

**HENRY DICKSON BRUNS, M. D.,** Professor of Diseases of the Eye.

**PAUL MICHINARD, M. D.,** Professor of Obstetrics and Gynecology.

**GEORGE FARRAR PATTON, M. D.,** Professor of the Practice of Medicine.

**EDMUND DENEGRE MARTIN, M. D.,** Professor of General Surgery.

**JACOB AMBROSE STORCK, M. Ph., M. D.,** Professor of Diseases of the Digestive System.

**FELIX ALPHONSE LARUE, A. M., M. D.,** Professor of Operative and Clinical Surgery.

**HENRY SULA COCRAM, B. Sc., M. D.,** Professor of Gynecology and Obstetrics.

**OTTO LERCH, A. M., Ph. D., M. D.,** Professor of Medical Diagnosis and Treatment.

**ERNEST ALEXIS ROBIN, B. Sc., M. D.,** Professor of Diseases of the Eye.

**JOHN FREDERICK OECHSNER, M. D.,** Professor of Orthopedics and Surgical Diseases of Children.

**SIDNEY PHILIP DELAUP, B. Sc., M. D.,** Professor of Surgery of the Genito-Urinary Organs and Rectum.

**HENRY EDWARD MÉNAGE, M. D., M. Ph.,** Professor of Diseases of the Skin.

**WILLIAM MARTIN PERKINS, B. S., M. D.,** Professor of Clinical Surgery.

**ROBERT CLYDE LYNCH, M. D.,** Professor of Diseases of the Ear, Nose, and Throat.

**WILLIAM WALTON BUTTERWORTH, M. D.,** Professor of Diseases of Children.

**GEORGE SAM BEL, M. D.,** Professor of Internal Medicine.

**CHARLES CASSEDY BASS, M. D.,** Professor of Experimental Medicine and Director of the Laboratory of Clinical Medicine.

**FREDERICK WILLIAM PARHAM, M. D.,** Professor of General Surgery.

**ALLAN CHOTARD EUSTIS, M. D.,** Professor of Dietetics and Nutrition.

**WILLIAM DAVID PHILLIPS, M. D.,** Professor of Operative Gynecology on the Cadaver.

**LIONEL LOUIS CAZENAVETTE, M. D.,** Professor of Diseases of the Nervous System.

**AMÉDÉE GRANGER, M. D.,** Professor of Radiology.

**WALLACE JOSEPH DUREL, M. D.,** Professor of Phthisiology.

**PAUL JOSEPH GELPI, A. M., M. D.,** Professor of Genito-Urinary Diseases and Cystoscopy.

**WILLIAM HERBERT HARRIS, M. D.,** Professor of Pathology.

**ALBERT ÉMILE FOSSIER, A. M., M. D.,** Assistant Professor of Physical Diagnosis.

**JAMES LEON LEWIS, M. D.,** Assistant Professor of Physical Diagnosis.

**JOHN THOMSON CREBBIN, M. D.,** Assistant Professor of Diseases of the Ear, Nose and Throat.

**RANDOLPH LYONS, M. D.,** Assistant Professor of Practice of Medicine.

**FRANK RAYMOND GOMILA, M. D.,** Assistant Professor of Obstetrics and Gynecology.

**HENRY DASPIT, M. D.,** Assistant Professor of Diseases of the Nervous System.

**JAMES CLIFTON COLE, M. D.,** Assistant Professor in Clinical Laboratory Diagnosis.

**ELIZABETH BASS, M. D.,** Assistant Professor in Clinical Laboratory Diagnosis.

**CHARLES JAMES BLOOM, M. D.,** Assistant Professor of Diseases of Children.

**CARROLL WOOLSEY ALLEN, M. D.,** Assistant Professor of Clinical Anesthesia.

**M. H. MCGUIRE, M. D.,** Clinical Assistant in General Surgery.

**C. A. WALLBILICH, M. D.,** Clinical Assistant in Gynecology and Obstetrics.

- E. D. FRIEDRICHS, M. D., Lecturer and Assistant in Clinical Surgery.
- A. C. KING, M. D., Lecturer and Clinical Assistant in General Surgery.
- F. T. BROWN, M. D., Clinical Assistant in Obstetrics and Gynecology.
- JOS. LEVY, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children.
- E. L. LECKERT, M. D., Lecturer and Assistant in Clinical Surgery.
- P. J. KAHLE, M. D., Lecturer in Surgery of the Genito-Urinary Organs and Rectum.
- GALLY WOGAN, M. D., Demonstrator in Diseases of the Eye.
- ROBERT A. STRONG, M. D., Clinical Assistant in Diseases of Children.
- W. P. BRADBURN, M. D., Clinical Assistant in General Surgery.
- GEORGE H. UPTON, M. D., Assistant in Operative Surgery.
- H. J. OTTO, M. D., Clinical Assistant in Genito-Urinary and Rectal Diseases.
- G. J. TAQUINO, M. D., Clinical Assistant in Diseases of the Ear, Nose and Throat.
- CAROLINE MIMS, M. D., Clinical Assistant in Surgery of the Genito-Urinary Organs and Rectum.
- MUIR BRADBURN, M. D., Clinical Assistant in General Surgery.
- J. T. O'FERRALL, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children.
- P. F. MURPHY, M. D., Clinical Assistant in Internal Medicine.
- ROBT. BERNHARD, M. D., Clinical Assistant in Internal Medicine.
- E. L. KING, M. D., Assistant in Gynecology on the Cadaver.
- THOS. B. SELLERS, M. D., Clinical Assistant in Gynecology and Obstetrics.
- S. F. BRAUD, M. D., Clinical Assistant in Diseases of Children.
- JEROME LANDRY, M. D., Assistant in Operative Surgery.
- C. H. SHARP, M. D., Clinical Assistant in Diseases of the Eye.
- A. DUNCAN, M. D., Clinical Assistant in General Surgery.
- J. A. LEWIS, M. D., Clinical Assistant in Dietetics and Nutrition.
- UPTON GILES, M. D., Clinical Assistant in Dietetics and Nutrition.
- G. B. ADAMS, M. D., Lecturer in Pathology.
- A. V. FRIEDRICHS, M. D., Assistant in Pathology.

**ANNOUNCEMENT**

**The Thirty-second Annual Session will begin Monday, September 23, 1918, to continue uninterruptedly until Saturday, June 7, 1919.**

**Owing to existing conditions, special attention will be given in the various medical and surgical branches to points of military interest or connected with a state of war.**

The progress and advance in both the science and the art of medicine and surgery are so rapid that graduates of even a few years ago, no matter how well-educated, who are more or less remote from hospital and laboratory influences, need to visit a medical center in order to keep pace with contemporaneous progress.

New Orleans has for many years occupied a distinct position as such a center of medical education. The metropolis of the South, it ranks with the largest cities in clinical facilities. A seaport, in communication with most parts of the world, material both varied and abundant is on hand for study and research in both medical and surgical lines. Its sub-tropical location and its expanding communication with the tropics ensure an opportunity of observing also the diseases peculiar to warm climates.

This city has more clinical and pathological material available for teaching than any other city in proportion and all of it is open to the College of Medicine of this University; hence the opportunities are unequalled.

The School was organized in 1888 and chartered as the New Orleans Polyclinic. In 1892, by special act of the legislature, the State granted the Polyclinic "free access at all times to the wards of the Charity Hospital" for teaching purposes. The need of such a school was evidenced by the steadily increasing patronage, and in 1895 a new building was erected in order to furnish proportionate facilities.

After nearly twenty years of independent existence and progress, the Polyclinic was amalgamated in 1906 with the Tulane University of Louisiana and became the Graduate School of Medicine of the University. Its prestige was increased by becoming a part of the great Southern University and Tulane became the only university possessing a completely organized school for graduate medical instruction.

The Polyclinic has enrolled matriculates from all over the United States and from Canada, Mexico, Cuba, Central America, China, and South Africa. Total number up to date, over 3500.

The school has always commended itself for the fraternal spirit which governs both the instruction and the intercourse between the faculty and the physicians in attendance.

Clinical methods and opportunities have gradually improved, and laboratory methods and facilities are advanced to keep in touch with current progress.

The medical and the surgical course are very comprehensive, while those interested only in special branches have courses mapped out for the profitable employment of their time.

All the laboratories of the College are open to Matriculates, furnishing adequate opportunity not only for practical study, but also for experimental and research work in any line.

Instruction is carried on at the Hutchinson Memorial, Charity Hospital, Eye, Ear, Nose and Throat Hospital, and at the City Hospital for Mental Diseases. A full description of the Charity Hospital and of the Hutchinson Memorial will be found in another section of this Register.

#### **EYE, EAR, NOSE, AND THROAT HOSPITAL**

The courses in diseases of the eye and of the ear, nose, and throat are given in this hospital. The vast facilities offered in this institution add greatly to the clinical advantages of the Polyclinic. Every opportunity is given the matriculates of this school to utilize the material available. The institution was established not alone for the treatment of indigent patients, but also for the education of practitioners of medicine. The Professors of Diseases of the Eye, and of Diseases of the Ear, Nose, and Throat, are the surgeons in charge of these respective departments. The hospital's clinic, lately erected and embodying the latest improvements, is only two squares from the Charity Hospital and five from the Hutchinson Memorial.

According to the official report of the trustees for 1917, 7,952 individual patients were registered, 44,892 consultations given, and 1,721 operations were performed during the year.

This abundant clinical material is utilized and great advantages are offered the matriculates to familiarize themselves with the most modern and practical methods for the diagnosis and management of this class of cases. According to their proficiency, matriculates have cases assigned to them.

The hospital is completely equipped with special apparatus, and possesses one of the most powerful magnets in existence for the removal



of foreign bodies from the eye. The finest X-ray apparatus has been added to the facilities of the hospital and the pathological department has been amplified.

By a convenient arrangement of the clinic hours, all work in the ear, nose, and throat is done in the forenoon, and that in the eye in the afternoon. Matriculates, therefore, may be occupied all day in these two branches alone.

There are three house surgeons elected annually. Besides enjoying exceptional opportunity for study, they act as clinical and surgical dressers and assistants to the professors. Students who have pursued an adequate course in the Polyclinic on these branches have an admirable opportunity to complete their special education by securing one of these positions.

The house surgeons are given their board and lodging.

#### **CITY HOSPITAL FOR MENTAL DISEASES**

This hospital is not far from the Charity Hospital, and furnishes an abundance of cases for study. All persons whose mentality is under investigation by the authorities are sent there as well as those awaiting transfer to the state hospitals.

---

#### **ARRANGEMENT OF BRANCHES**

The Polyclinic has tried to make the arrangement of its work satisfactory to those interested in all branches, as well as to those wishing to specialize in particular branches. The following has been gradually evolved after experience and observation of the wants of matriculates:

1. Diseases of the Eye.
2. Genito-Urinary and Rectal Diseases.
3. Obstetrics and Gynecology.
4. Practice of Medicine.
5. General Surgery.
6. Diseases of the Digestive System.
7. Operative and Clinical Surgery.
8. Gynecology and Obstetrics.
9. Medical Diagnosis and Treatment.
10. Orthopedics and Surgical Diseases of Children.
11. Surgery of the Genito-Urinary Organs and Rectum.
12. Diseases of the Skin.
13. Clinical Surgery.
14. Diseases of the Ear, Nose, and Throat.
15. Diseases of Children.

16. Internal Medicine.
17. Clinical Laboratory Diagnosis.
18. Dietetics and Nutrition.
19. Operative Gynecology on the Cadaver.
20. Diseases of the Nervous System.
21. Radiology.
22. Phthisiology.
23. Genito-Urinary Diseases and Cystoscopy.
24. Pathology.
25. Clinical Anesthesia.

The faculty have carefully considered the requirements for graduate work, and everything has been considered in the matriculate's favor. In the branches outlined in the course there are included special lines of laboratory and other work usually made extra at post-graduate schools elsewhere, notably rectal diseases, diseases of the stomach, dietetics, X-ray, cystoscopy, etc. We have included all these so as to make the session as profitable as possible to the physicians for a reasonable outlay in fees. No hospital fees are charged.

The courses are planned for cycles of six weeks, yet, to facilitate those who have very limited time, tickets will be issued for four weeks' instruction; also for as much longer as may be desired.

### RATES

Four weeks.....	\$65.00
Six weeks.....	75.00
Three months.....	100.00
Six months.....	125.00

The fees are the same for any one of the tickets offered or any combination of the branches taught, but are fixed for continuous courses only. No extras.

The **Medical Ticket** is arranged for the physicians who are interested in only the medical side and includes branches numbered 4, 6, 9, 12, 15, 16, 18, 20, 21, 22 and 24.

The **Surgical Ticket** combines the general and special surgical branches, including those numbered 2, 3, 5, 7, 8, 10, 11, 13, 19, 21, 23, and 25.

The **Special Senses Ticket** is arranged for those desiring special courses in diseases of the eye and of the ear, nose and throat, branches 1 and 14, with daily opportunity for individual work.

The **Laboratory Ticket** covers branch 17, together with any clinical work the matriculate may desire to do, when not occupied in the clinical and microscopical laboratory.

**Matriculates** can occupy every moment of their stay to advantage and may be at work all day, with intervals for meals, no matter which ticket they take. They will be permitted to do additional work to that scheduled, when sufficiently interested. Through the dean, combination or more concentrated courses may be outlined and arrangements made for dissection or other courses in the School of Medicine.

---

### BOARD AND LODGING

Board and Lodging can be had at reasonable rates, from about \$6 a week up, both in the vicinity of the school and in other parts of the city. A list of desirable boarding houses is kept on file by the Polyclinic, also of apartments for light housekeeping. Inquiry should be made of the registrar.

---

### REQUIREMENTS FOR ADMISSION

The school is open to white graduates of medicine and licensed practitioners of both sexes. They may enter at any time during the session, as it is a continuous one, and with equal advantage.

---

### CERTIFICATES

Certificates of Attendance for not less than four weeks will be issued upon evidence of satisfactory work upon the part of the matriculate, for which no examination is required and no extra charge is made.

---

### THE ORLEANS PARISH MEDICAL SOCIETY

The members of Polyclinic classes are privileged guests at the rooms of the Orleans Parish Medical Society. Meetings of the Society are held on the second and fourth Mondays of each month, to which the Polyclinic class is likewise invited. The Society is located in its own abode, at the corner of Elk Place and Gasquet Street, only four squares from the Hutchinson Memorial.

---

### MEDICAL LIBRARIES

Matriculates are admitted to the library of the Orleans Parish Medical Society, which possesses over 8,000 volumes, upon showing their Polyclinic ticket.

The library of the College of Medicine, situated in the Hutchinson Memorial, and containing about 9,000 volumes, is also open to the members of the Polyclinic classes.

For Bulletin containing details of courses offered, and for all other information, address,

CHARLES CHASSAIGNAC, M. D.,

Dean New Orleans Polyclinic,

Graduate School of Medicine, Tulane University of Louisiana,

P. O. Box 770, or 1551 Canal Street, New Orleans, La.

# COLLEGE OF MEDICINE

## SCHOOL OF DENTISTRY

### FACULTY—1918-1919

ROBERT SHARP, A. M., Ph. D., President of the University.

*7325 St. Charles Avenue*

WALLACE WOOD, JR., D. D. S., Dean, and Professor of Operative  
Dentistry and Chief of Clinic. *1817 Carrollton Avenue*

RUDOLPH MATAS, M. D., LL. D., Professor of General and Clinical  
Surgery. *2255 St. Charles Avenue*

ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry  
and Metallurgy. *9 Rosa Park*

\*JOHN TAYLOR HALSEY, M. D., Professor of Materia Medica and  
Pharmacology.

CHARLES WARREN DUVAL, M. D., Professor of Pathology and  
Bacteriology. *8 Richmond Place*

IRVING HARDESTY, Ph. D., Professor of Anatomy and Histology,  
*1101 Broadway*

\*JOHN SMYTH, M. D., Professor of Oral Surgery.

HERMANN BERTRAM GESSNER, A. B., M. D., Professor of Oral  
Surgery, *119 Audubon Boulevard*

CHARLES CASSEDY BASS, M. D., Professor of Experimental  
Medicine. *1338 Broadway*

EDWARD BERNARD DUCASSE, D. D. S., Professor of Crown and  
Bridge Work and Ceramics. *2711 Ursuline Avenue*

EUGENE LOUIS FORTIER, D. D. S., Professor of Prosthetic  
Dentistry. *4901 Camp Street*

AMÉDÉE GRANGER, M. D., Professor of Roentgenology.  
*833 St. Claude Street*

WILLIAM WOODWARD, Professor of Drawing. *7601 Elm Street*

ALFRED ARCHINARD LEEFE, D. D. S., Professor of Oral Hy-  
giene and Prophylaxis and Special Pathology; Assistant Profes-  
sor of Dental Pathology and Therapeutics; Assistant Professor of  
Prosthetic Dentistry; Demonstrator of Clinical Dentistry and Sec-  
retary of the Faculty. *2235 Baronne Street*

\*Absent on leave on Government duty.

- BENJAMIN LEVI GORE, D. D. S., Professor of Dental Surgery.  
46 *Neron Place*
- GEORGE BERNARD CROZAT, D. D. S., Professor of Dental Anatomy, Lecturer and Instructor of Orthodontia.  
1223 *Barracks Street*
- WILLIAM LEE HUGHES, LL.B., Professor of Dental Jurisprudence.  
2445 *Esplanade Avenue*

#### ASSOCIATE AND ASSISTANT PROFESSORS

- HENRY BAYON, M. D., Associate Professor of Anatomy.  
2212 *Napoleon Avenue*
- WILLIAM PRENTISS BROWN, M. A., Associate Professor of English.  
7928 *Oak Street*
- FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of Physiology and Pharmacology.  
1310 *St. Andrew Street*
- OSCAR WALTER BETHEA, M. D., Ph. G., F. C. S., Assistant Professor of Materia Medica and Pharmacology.  
1735 *Carrollton Avenue*
- WILBUR CLEVELAND SMITH, M. D., Assistant Professor of Anatomy.  
1475 *Calhoun Street*
- \*RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology.  
1524 *Harmony Street*
- RALPH EUGENE SHERWOOD, D. D. S., Assistant Professor of Prosthetic Dentistry, Crown and Bridge Work and Ceramics.  
7400 *Pearl Street*

#### DEMONSTRATORS, LECTURERS AND INSTRUCTORS

- \*WALDEMAR RICE METZ, B. S., M. D., Demonstrator of Physical Diagnosis and Anaesthesia.
- RAOUL STANISLAUS HYMEL, D. D. S., Demonstrator of Prosthetic Dentistry.  
911 *Elysian Fields Avenue*
- JOSEPH MARY GARCIA, D. D. S., Demonstrator of Operative Technics.  
2005 *Elysian Fields Avenue*
- A. LOUIS DUCASSE, D. D. S., Demonstrator of Clinical Dentistry.  
2654 *Ursuline Avenue*
- LOUIS COGNEVICH, D. D. S., Demonstrator of Clinical Dentistry.  
614 *Poland Avenue*
- JOHN JOSEPH COLOMB, D. D. S., Demonstrator of Clinical Dentistry.  
1713 *Bayou Road*
- FREDERICK JACOB WOLFE, D. D. S., Demonstrator of Clinical Dentistry.  
2350 *Magazine Street*

\*Absent on leave on Government duty.

- CHARLES P. KELLEHER, D. D. S., Demonstrator of Clinical Dentistry. *7927 Oak Street*
- \*JAMES HENRY O'REILLY, D. D. S., Demonstrator of Clinical Dentistry.
- STEWART P. DEAN, D. D. S., Demonstrator of Clinical Dentistry. *921 Canal Street*
- MILDRED GAUCHE, M. Sc., Instructor and Laboratory Assistant in Biology and Bacteriology. *Station 20*
- JOSEPH E. PSAYLA, D. D. S., Demonstrator of Clinical Dentistry. *930 Canal Street*
- CHARLES N. GIBBONS, D. D. S., Demonstrator of Clinical Dentistry. *92 Canal Street*
- E. C. ALBRITTON, Instructor in Anatomy, *Station 20*
- HOMER BLINCOE, Instructor in Anatomy. *Station 20*
- C. M. BAKER, Instructor in Anatomy. *Station 20*
- THOMAS B. SELLERS, M. D., Instructor in Anatomy. *1607 Pine Street*
- RICHARD OSHMAN, Instructor in Physiology. *Station 20*
- JOSEPH CLYDE BRUNER, Assistant in Anatomy. *Station 20*
- MRS. WILLIAM VANN, Student Assistant in Anatomy. *Station 20*
- \*A. C. B. MEYNIER, D. D. S., Assistant Demonstrator Clinical Dentry.
- \*A. LOGAN MAGRUDER, D. D. S., Assistant Demonstrator Clinical Dentistry.
- HARRY M. NOLAN, D. D. S., Assistant Demonstrator of Clinical Dentistry. *219 Olivia Street*
- \*ROY WHITE, D. D. S., Assistant Demonstrator of Clinical Dentistry.
- THEODORE WILSON, D. D. S., Assistant Demonstrator of Clinical Dentistry and Operative Technics.
- FELIX M. ISAACSON, D. D. S., Assistant Demonstrator of Clinical Dentistry *3512 Magazine Street*

### GENERAL INFORMATION

Pursuant of the demands of the most progressive Dental Colleges of the United States, from the view-point of efficiency and service in behalf of the benefit to Public Health, and with the ever ready desire to uplift the standards and ideals of teaching, Tulane University, School of Dentistry offered a four year course in Dentistry, commencing September 26, 1917.

\*Absent on leave on Government duty.

The University will continue the usual three year course for the students enrolled for the year beginning October, 1916. (Junior and Senior.)

It is the aim of the University to develop the highest standards of efficiency in its graduates, and we welcome the young man who is ambitious to fulfill these qualities that may better enable him to enter the honorable field of Dentistry. The curriculum adopted complies strictly with the requirements provided by the Dental Educational Council of America at the meeting held at Louisville, Ky., on July 24, 1916.

Military Training has been formally adopted as a regular and compulsory course of instruction of all physically able male students of the University with the exception of certain classes. The Freshman and Sophomore classes in the School of Dentistry, are however, included. Students will be required to wear the regulation uniform while on the Campus, and on such occasions as may be designated by the Commandant. This will prove to be unusual economy for all students in the matter of dress and wearing apparel, and in this respect, place all upon an equal basis.

Dental students are eligible for enlistment in the M. E. R. C., U. S. Army and Navy which exempts them from Military Service until graduation, when application for Commission in the Dental Corps can be made, and the course of instruction offered will coordinate with their duties in the Government Service.

Arrangements are being perfected with the Government to establish a regular permanent Military Unit at the University under the direction of the U. S. A.

The course of Military instruction will correspond to the one outlined in War Department G. O. No. 49, for Senior Divisions in Colleges and Universities, and will consist of five hours instruction per week, two of which may be devoted to Physical Training.

The School of Dentistry was organized twenty years ago as The New Orleans College of Dentistry, and is now the School of Dentistry of the College of Medicine of Tulane University of Louisiana. With the consolidation of the New Orleans College of Dentistry and Tulane University in 1908, the equipment was largely added to, increasing the facilities for instruction. Important additions to the equipment of the School will be made for the session of 1918-19.

The School of Dentistry is a member of the National Association of Dental Faculties, the American Institute of Dental Teachers and is recognized by the National Association of Dental Examiners. It is



the purpose of the School to instruct the dental student in all the branches to prepare him thoroughly for the active duties of his profession.

The success of the graduates of this School sufficiently attests the wisdom of this plan of teaching, and has won the approval of the dental profession. The constantly increasing attendance and the proficiency of its alumni place it in the front rank of the dental schools.

The instruction in the first two years will be given at the Richardson Memorial and the Richardson Chemistry Building, on the Tulane Campus; in the last two years instruction will be given entirely at the Josephine Hutchinson Memorial in Canal street.

The four years' work is progressive and has been arranged so as to grade the work as far as practical and deemed wise. In each year some subjects are finished and passed finally. This affords more time to the subjects, avoids repetition, and enables the student to digest the course as he progresses. The practical results obtained this way have been satisfactory and facilitates advancement in thoroughness and efficiency.

### **THE DENTAL INFIRMARY**

IS OPEN DAILY DURING THE ENTIRE YEAR FROM 9 A. M. TO 5 P. M.

Students may matriculate and enter this course at any time.

The Infirmary is in charge of the Professors and Demonstrators of the School, and is daily crowded with patients who are operated on by the students of the School, thus giving extraordinary clinical advantages.

All ANESTHETICS in use are administered in the extraction of teeth and in surgical operations of the head and face. Special demonstrations on conductive anaesthesia will be given throughout the session.

Radiographs are made daily in the Clinic, by expert Radiologists who are in constant attendance and full instruction is given each student in X Ray technic.

All the different materials in use are employed in the construction of ARTIFICIAL DENTURES.

The Infirmary in the Hutchinson Memorial is centrally located and easily accessible by all the car lines in the city.

### **CLINICAL ADVANTAGES**

*The clinical material which is at the disposal of the infirmary of the School is practically unlimited. No free clinic was formerly*

ferred to the public of the city and surrounding country, and the patronage already obtained demonstrates that the supply will be kept in excess of the demand by a population of nearly one-half of a million inhabitants. In addition, the clinic takes care of the children of the public schools and over 5000 operations have been performed for them alone during the past year. The eleemosynary institution of the city, the great Charity Hospital, is also open to our students. The electric car lines are numerous and rapid, and run through the city in such a way as to make travel to and from the College most convenient.

### REQUIREMENTS FOR ADMISSION

Applicants for admission should be not less than sixteen years of age.

The completion of a four years high school course or its equivalent is required for entrance. In order that the University may ascertain whether an applicant possesses this required preparation, the following plan has been adopted:

- 1) A "unit" of high school work is a subject pursued through one school year, with not fewer than five recitation periods a week.
- 2) Fifteen units are required for full entrance.
- 3) Applicants presenting less than 15 units will not be received.
- 4) These 15 units must include three units in English, two and one-half units in Mathematics. (See special bulletin "Requirements for Admission" for detail information).

Entrance conditions can be made up by attending Summer School, prior to the opening.

The student must submit a certificate of good moral character and of fitness to enter upon the study of Dentistry, such certificate to be signed by a reputable Dentist.

This College will not give credit for a full course to students admitted later than ten days after the opening day of the regular session. (See Calendar.)

In case a student be prevented by sickness (properly certified to by a reputable practicing physician) from complying with the foregoing rule, the time of admission shall not be later than twenty days after the opening day.

Credit for time and study obtained from dental colleges in the United States that are members of the National Association of Dental Faculties will be recognized by this College.

Students in all dental colleges are required to obey the State Dental laws in all States of the Union, and, failing to do this, shall not be received by this college.

---

### **ADVANCED STANDING**

Students will be admitted to the Junior or Senior Class who present certificates from any recognized dental college of attendance upon one or two full courses of lectures, and of having passed satisfactory examinations.

Students mentioned above, whose certificates of examination are not satisfactory, or who have no such certificates, will be examined in those branches in which they are deficient upon presentation of certificates of eligibility from the Dean of the school previously attended.

---

### **PROMOTION OF STUDENTS**

(a) A student who has incomplete course conditions, or failures, in 60 per cent of his course for any semester shall be dropped.

(b) A student may not be promoted if he has incomplete conditions or failures in more than 20 per cent of the course of any year.

(c) A student who fails to remove a condition or failure within twelve months from the time it was incurred, shall automatically be dropped from the school.

(d) An incomplete course is one that has not been completed because of illness or other personal emergency.

---

### **PASSING MARK, CONDITIONS, FAILURES**

(a) The passing mark shall be 75 per cent.

(b) A grade between 60 and 74 per cent is defined as a condition.

(c) A grade below 60 per cent is defined as a failure.

(d) A condition may be removed by examination.

(e) A failure may not be removed except by repetition of the course in part or entirely, i, e, by additional work under instruction approved by the Dean or the professor in charge of the subject.

(f) A condition which is not removed within 30 days of the opening of the next year, automatically becomes a failure and can then only be removed by a repetition of the course.

### SCHEDULE OF CONDITION EXAMINATIONS FALL OF 1918

	9-11 A. M.	1-3 P. M.
Tuesday, Sept. 17	Pathology and Bacteriology	
Wednesday, Sept. 18	Anatomy	Histology
Thursday, Sept. 19		Physiology
Friday, Sept. 20	Chemistry	
Saturday, Sept. 21		Materia Medica

All Dental branches within one week of the opening of the session.

### REQUIREMENTS FOR GRADUATION

The candidate must have taken four complete courses in a reputable dental college, in four separate years, the last of which must have been in this School. He must have complied with the requirements of the School in performing the necessary amount of work in the Infirmary and Laboratories; and must have attended 85% of all lectures, classes, clinics, etc.; must deposit with the School approved specimens of his work; and must also pass four annual examinations in due course, including the final examination for graduation. Students of legal age and good moral character, who have paid all fees due the School, and who have complied with these requirements, will be recommended for the degree of Doctor of Dental Surgery.

### INSTRUMENTS

Each student is required to supply himself with the instruments and medicines necessary for the work of his grade in the Operative and Prosthetic Laboratories, which may be secured at the Dental Supply Houses located in New Orleans.

A printed list of same will be furnished on application to the Clerk and the instruments on the list will be required because they are essential to the student's progress, and students must provide them on or before ten days after the opening of the session.

A rigid inspection by the demonstrators will be made and no student will be allowed to enter that Department where the necessary or required instruments or medicine are lacking.

**SYNOPSIS OF STUDIES AND EXAMINATIONS**

The full course of lectures and laboratories will begin Wednesday, September 25, 1918.

**FIRST YEAR**

Biology .....	192 hours
Chemistry .....	224 hours
Anatomy .....	300 hours
English .....	96 hours
Technical Drawing .....	48 hours
Dental Anatomy .....	32 hours
Histology .....	156 hours
Military and Physical Training .....	160 hours
<hr/>	
Total .....	1208 hours

**SECOND YEAR**

Materia Medica .....	48 hours
Prosthetic Technic .....	384 hours
Physiology .....	128 hours
Prosthetic Dentistry Lecture .....	64 hours
Pharmacology .....	32 hours
Operative Technics .....	160 hours
Dental Anatomy .....	64 hours
Metallurgy .....	96 hours
Pathology and Bacteriology .....	160 hours
Military and Physical Training .....	160 hours
<hr/>	
Total .....	1296 hours

**THIRD YEAR**

Crown and Bridge Technic .....	320 hours
Crown and Bridge Lecture .....	32 hours
Orthodontia .....	48 hours
Dental Pathology .....	32 hours
Radiology .....	16 hours
Operative and Clinical Dentistry .....	816 hours
Operative Dentistry Lectures .....	32 hours
Dental Surgery .....	32 hours
Special Pathology .....	16 hours
<hr/>	
Total .....	1344 hours

## FOURTH YEAR

Crown and Bridge Lectures.....	32 hours
Orthodontia .....	48 hours
Oral Surgery .....	96 hours
Dental Pathology.....	64 hours
Materia Medica.....	16 hours
Physical Diagnosis.....	32 hours
Radiology.....	16 hours
Jurisprudence, Ethics, Economics, History.....	32 hours
Clinical Dentistry .....	976 hours
Operative Dentistry Lectures.....	32 hours
Dental Surgery .....	16 hours
Special Pathology .....	16 hours

---

Total..... 1376 hours

This schedule is subject to change without notice.

First Year.....	1208 hours
Second Year.....	1296 hours
Third Year.....	1344 hours
Fourth Year.....	1376 hours

---

Totals..... 5224 hours

**FEEs AND EXPENSES**

	Freshmen	Soph'res	Juniors	Seniors
Matriculation.....	\$ 5 00	\$ 5 00	\$ 5 00	\$ 5 00
General Ticket.....	150 00	150 00	150 00	150 00
Graduation Fee.....				25 00
Gymnasium-Athletic Fee.....	10 00	10 00	5 00	5 00
Dissecting Fee.....	10 00			
Laboratory and Chemical Fee.....	10 00	10 00	10 00	
*Medical Attendance Fee.....	5 00	5 00	5 00	5 00
Breakage Fee.....	10 00	10 00	10 00	
Total.....	\$200 00	\$190 00	\$185 00	\$190 00

A medical attendance fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

---

\*Optional with resident Students.

Students of the Freshman and Sophomore Classes are required to pay a gymnasium-athletic fee of \$10.00. Students excused from physical training through prior credit, or for other reasons, shall not be exempt from the payment of this fee. Students of the Junior and Senior Classes are required to pay an athletic fee of \$5.00.

The gymnasium-athletic fee provides the use of the gymnasium, services of the Physical Director, and a season ticket to all major athletic events on the home grounds.

**In addition to the fees all students will be required to deposit with the secretary \$10.00 to cover any breakage or damage to university property, returnable if no damage occurs.**

All checks, drafts, etc., should be made payable to the order of Wallace Wood, Jr., Dean Dental Department, on New Orleans banks, otherwise exchange will be charged.

**All fees are payable on admission except the graduation fee of \$25, which will not be accepted earlier than January 1, nor later than March 1. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw application after final examinations.**

**For the accommodation of students, payment of fees may be made in two instalments, one-half at entrance and one-half January 15. For such accommodation a delinquent fee of two dollars will be added to the second payment.**

The Clinic in the College Building is open during the entire year for dental operations, and students can enter at any time by paying \$25, which is deducted from the fees of the succeeding regular course, and shall not be charged to a regularly-matriculated student after his regular course. The College makes these liberal terms to enable and to induce students properly to perfect themselves in actual practice before presenting themselves for graduation and for entrance into the dental profession. The faculty reserves the right to change the above fees after the session of 1917-1918.

No student will be admitted to classes until the fees for the current semester are paid. No exception will be made and students should come prepared to pay their fees.

Entrance upon study in this school is voluntary on the part of the student, the school being ready to acquit itself of its obligations to prepare him in Dentistry.

Students having once enrolled, the fees are due and exigible for the entire session and they will not be refunded or transferred under any circumstances, whether from withdrawal, expulsion, or dismissal, nor

will such a contingency relieve his indebtedness to the College. But should sickness or other good cause occasion his failure to complete the session for which he has paid, he will be credited in a succeeding session with that portion of the fee for which he has not received instruction.

Students failing on the final examinations of the Freshman Sophomore and Junior Classes and who are required to repeat the course will be charged the usual fees.

Students failing in part of their work, who are held over for the coming year in certain subjects will be charged a fee sufficient to cover those subjects only.

Seniors failing to pass in one or more subjects will not be graduated, but will be required to make up these subjects in the ensuing year for which no fee will be charged except a matriculation fee of five dollars (\$5.00), and ten dollars (\$10.00), for each examination. In all such cases however, the student will be required to attend and work at least twomonths in the Clinic, at the discretion of the Dean.

### DORMITORIES

Information about houses for boarding and lodging may be obtained from the Clerk. The price usually paid by students varies from \$22.50 to \$30 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at the College.

Students of the first year who are non-residents will be expected to reside in the dormitories on the Campus unless especially excused by the Dean. Applications for dormitory rooms should be made as early as possible before the term opens to the Registrar, Gibson Hall, Tulane University. Application must be accompanied by a deposit of five dollars to secure accommodation.

On request of the Dean's office parents or guardians will be furnished with the students' records, at the end of each session.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department in the first and second years should be addressed "Richardson Memorial, Tulane Campus," New Orleans, La.; for students of the third and fourth years, "Hutchinson Memorial," 1551 Canal St., New Orleans, La.

For Bulletin containing details of courses offered, and for all other information, address,

**DR. WALLACE WOOD, JR., DEAN,**  
School of Dentistry of Tulane University of Louisiana,  
Hutchinson Memorial, 1551 Canal Street,  
New Orleans, La.



## COLLEGE OF MEDICINE

### SCHOOL OF PHARMACY

#### FACULTY—1918-1919

- ROBERT SHARP, A. M., Ph. D., President of the University.  
7325 St. Charles Avenue
- ISADORE DYER, Ph. B., M. D., Dean of the School of Pharmacy.  
2222 Prytania Street
- GEORGE STEWART BROWN, M. Ph., M. D., Chairman of Faculty  
and Professor of Pharmacy. 1329 Josephine Street
- ABRAHAM LOUIS METZ, Ph. G., Ph. M., M. D., Professor of Chem-  
istry and Toxicology. 9 Rosa Park
- \*JOHN TAYLOR HALSEY, M. D., Professor of Materia Medica and  
Pharmacology. 1408 Seventh Street
- REGINALD SOMERS COCKS, A. M., Ph. G., Richardson Professor  
of Botany and Pharmacognosy. 701 Exposition Boulevard
- CHARLES WARREN DUVAL, M. D., Professor of Bacteriology.  
8 Richmond Place
- WALTER EUGENE GARREY, Ph. D., M. D., Professor of Physi-  
ology. Station 20.
- J. HARRY CLO, B. S., M. S., Ph. D., Associate Professor of Physics.  
904 Lowerline Street
- WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor  
of Bacteriology. Fontainebleau Drive
- OSCAR WALTER BETHEA, Ph. G., M. D., F. C. S. Assistant  
Professor of Materia Medica and Pharmacology.  
1735 S. Carrollton Avenue
- \*RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology.  
1524 Harmony Street
- FELIX PERCY CHILLINGWORTH, Assistant Professor of Physi-  
ology and Pharmacology. 1310 St. Andrew Street
- WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor of  
Bacteriology. Fontainebleau Drive
- EDWARD HENRY WALSDORF, Adjunct Professor of Commercial  
Pharmacy. 900 Peters Avenue
- Instructor in Physics.

\*Absent on Military Duty.

## SCHOOL OF PHARMACY

**ANNOUNCEMENT** This School was established in 1838. In 1908, the pharmaceutical school of the Medical Department became the Department of Pharmacy of the Tulane University of Louisiana, and in 1914, with the reorganization of the divisions of the University related to Medicine, the School of Pharmacy became a part of the reconstituted College of Medicine.

This School holds membership in the American Conference of Pharmaceutical Faculties, organized to promote the interests of pharmaceutical education.

### ANNOUNCEMENT OF COURSES

Two years are required for the Ph. G. (Graduate in Pharmacy) degree; three years for the Ph. C. (Pharmaceutical Chemist) degree, and additional periods of study for the degree of Doctor of Pharmacy.

The pharmaceutical laboratory, the pharmaceutical dispensing laboratory, the pure food and drug laboratory, the laboratories of general, qualitative and quantitative chemistry, and other laboratories for special work are located in the commodious Richardson Chemistry Building; physics is taught in the laboratories and lecture rooms of the Physics Building; while the laboratories of botany and pharmacognosy, physiology, pharmacology and bacteriology are in the Richardson Memorial Building; these buildings are all situated upon the University Campus. The equipments of the various laboratories are ample and up to date for all purposes of the School of Pharmacy which is organized to train high-class graduates, with ample facilities for practical work.

### DORMITORY

The Richardson Dormitory is open to students of this department. The rate in the Dormitory (including two meals a day) is \$150 per session.

Pharmacy students who wish to make application for rooms, or who desire more information regarding the dormitories should communicate with the Registrar of Tulane University, Station 20, New Orleans.

### REQUIREMENTS FOR ADMISSION

(See page 44)

Women are admitted to the full courses in pharmacy on the same terms and conditions as men.

Students over 21 years of age are admitted as partial-course students or as special students and may be credited with work accom-

plished, while engaged in preparation for the fulfilment of the above requirements. Such students must successfully complete *all work undertaken each term*, otherwise they shall be dropped for deficiencies and may enter again only by fulfilling the regular entrance requirements by certificate or entrance examination.

Special students, entering without examination or certificate must satisfy all entrance requirements before they may become regular.

The entrance examinations in all departments will be held during the two weeks preceding September 25. Candidates will apply to the Dean for schedule of entrance examinations.

Blank forms showing entrance requirements in detail will be furnished on request to the Dean.

### **REQUIREMENTS FOR ADVANCED GRADES**

An official set of tickets, showing that the holder has attended one full course of studies in any regular and recognized school of pharmacy is essential to matriculating for a second course of lectures. To be credited with a full course, at least eighty per cent of the session must have been attended.

Students from other colleges entering the second year will be required to show evidence that at the time at which they commenced the study of pharmacy their entrance credits were not less than the requirements of this department at the same time.

### **SYNOPSIS**

**Studies and Examinations** The full course of Lectures and all Laboratory courses will begin Wednesday, September 26, 1917.

**Degrees** Two graded courses of thirty-two weeks each will be required to complete the course of study leading to the degree of Ph. G. (Graduate in Pharmacy), and three courses will be required for the degree of Ph. C. (Pharmaceutical Chemist).

An additional year of graded work in a course of thirty-two weeks will qualify the holder of a Ph. C. degree for the degree of Doctor of Pharmacy (Pharm. D).

**First Year** *Physics, chemistry and toxicology, botany and pharmacognosy, materia medica, physiology, pharmaceutical Latin, mathematics of pharmacy, theory and practice of pharmacy, and laboratory work in physics, pharmacy, general chemistry, and qualitative analysis.*

Physical training is required of all male students in the first year.

**Second Year** *Chemistry* (including organic, physiological, medical, pharmaceutical, manufacturing or industrial, quantitative analysis, with their laboratories), *toxicology*, *pharmacology* and the *microscopical identification of powdered drugs*, *materia medica* and *pharmacology*, *drug assay*, *prescription practice* in the dispensing laboratory, *commercial pharmacy*, *manufacturing pharmacy*, *theory and practice of pharmacy*, *bacteriology* and *pharmaceutical jurisprudence*.

**Third Year** Systematic courses in detailed work in pure food and drug analysis; assaying of drugs; physiological standardization of drugs; advanced work in materia medica and pharmacology; advanced work in manufacturing pharmacy; commercial pharmacy.

Special attention is given to the *practical laboratory training* of students. The value of practical laboratory training cannot be overestimated and students of this institution are provided with exceptionally superior advantages in this respect.

In addition to the laboratory training, throughout the second and third years, students are regularly assigned to a number of pharmacies in New Orleans, where practical experience is afforded.

## EXAMINATIONS

Examinations will be held on all branches taught in each year at regularly scheduled dates.

**OUTLINE OF COURSE IN PHARMACY**

Leading to the degree of Graduate in Pharmacy, (Ph. G.). **Show** ing in tabular form the weekly and total number of hours **credited** to each subject composing the curriculum.

<b>JUNIOR YEAR</b>	<b>HOURS PER WEEK</b>	<b>HOURS PER SESSION</b>
General Chemistry, Lecture	3	96
Qualitative Analysis, Laboratory	4	128
Physics (experimental), Lecture	3	96
Physics (experimental), Laboratory (optional)	4	128
Pharmacy, Lecture	2	64
Pharmacy, Manufacturing, Laboratory	4	128
Pharmacy, Dispensing, Laboratory	2	64
Pharmacy, Commercial, Lecture, (second term)	1	15
Pharmaceutical Arithmetic	1	30
Pharmaceutical Latin	1	30
Materia Medica and Pharmacology, Lecture	1	32
Botany, Lecture	1	32
Botany, Laboratory	2	64
<b>Total</b>	<b>29</b>	<b>907</b>
<b>SENIOR YEAR</b>		
General Chemistry, Toxicology, Lecture	4	128
Qualitative Analysis, Laboratory, (first term)	6	96
Quantitative Analysis, Laboratory, (second term)	9	144
Qualitative Analysis, Lecture, (first term)	2	32
Quantitative Analysis, Lecture, (second term)	2	32
Pharmacy, Lecture	4	128
Pharmacy, Manufacturing Laboratory	7	224
Pharmacy, Dispensing Laboratory	2	64
Pharmacy, Commercial, Lecture, (second term)	1	15
Pharmaceutical Assaying, (second term)	3	48
Materia Medica and Pharmacology, Lecture	2	64
Pharmacognosy, Lecture	1	32
Pharmacognosy, Laboratory	2	64
Physiology, Lecture	3	90
<b>Total</b>	<b>48</b>	<b>1161</b>
<b>GRAND TOTAL</b>	<b>77</b>	<b>2068</b>

Bacteriology, (optional).

Pharmaceutical Jurisprudence.

**REQUIREMENTS  
FOR GRADUATION**

Every candidate for graduation must be of good moral character, which includes good conduct while a student in this college, and must have attained the age of nineteen years.

The candidate must have attended courses of instruction during two or more academic years, the last to be spent at this college, and he must have satisfied all obligations of the course, including payment of all fees.

Those entitled to diplomas will receive them at the end of the course without regard to the amount of practical drug store experience required by the Boards of Pharmacy Examiners.

**TABLE OF FEES**

	Matriculation	Gym.-Athletic	Infirm-ary	Break-age	Tuition	Graduation	TOTAL
First Year .....	\$5 00	\$10 00	\$5 00	\$10 00	\$70 00	.....	\$100 00
Second Year.....	5 00	10 00	5 00	10 00	70 00	\$20 00	120 00
Third Year .....	5 00	.....	5 00	10 00	70 00	20 00	110 00

Every student must deposit the breakage fee of \$10 to reimburse for needless injuries inflicted on the laboratories or their contents, or on any of the University buildings. Any unused part of such fee will be refunded on proper demand at the end of each session and before the beginning of the next session, after which it will be forfeited.

All fees are payable on admission, except the graduation fee of \$20, which is not accepted earlier than January 1, nor later than March 31. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw their application after the final examinations.

For the accommodation of students, payment of tuition may be made in two instalments, one-half at entrance and one-half February 1. For such accommodation a delinquent fee of \$2 will be added to the second payment. All other fees are payable on admission, as stated.

*Special.*—The fee for a special lecture course in any single department of the regular pharmacy course is \$25; if a laboratory course, a fee of \$15.00 in addition will be charged.

**INFIRMARY  
FEE**

An infirmary fee will be charged each session, which will cover all hospital care in College Infirmary, and will provide for reasonable expense in cases of ordinary illness, under the rules of the Infirmary Committee. This fee applies to non-residents, but residents may avail themselves of these privileges by payment of fee at time of registration.

**GYMNASIUM-ATHLETIC FEE**

A fee of \$10 will be charged all male students in the first two years for the services of physical director, use of athletic facilities, and privileges, for required gymnasium courses, etc. Students excused from physical training, through prior credit or for other reasons, shall not be exempt from the payment of the gymnasium-athletic fee.

**Military Training:** All male students of the first and second years—unless physically disabled and so certified by the medical officer or military authority—will be required to take military training under the rules for this prescribed course.

The Faculty reserves the right to increase these fees after the session of 1918-19.

Unused proportion of fees will be refunded if written notice of withdrawal is given before March 15. *Written notice to the Dean, at time of withdrawal, is required to make this effective.* No refund will be made after March 15.

**PRIZES**

The Louisiana State Pharmaceutical Association, with a view of furthering the cause of education in pharmacy, will present annually a gold medal to the Graduate in Pharmacy making the best general average in his studies, for the two years' attendance in this institution.

**GENERAL INFORMATION**

The price usually paid by students for board varies from \$20.00 to \$25.00 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at college.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department should be addressed "Richardson Memorial, Tulane Campus, Station 20, New Orleans, La."

For Bulletin containing details of courses offered, and for all other information, address,

**Dr. Isadore Dyer, Dean,  
School of Pharmacy,  
Tulane University of Louisiana,  
P. O. Box 770, New Orleans, La.**

## **COLLEGE OF MEDICINE**

### **SCHOOL OF HYGIENE AND TROPICAL MEDICINE, INCLUDING PREVENTIVE MEDICINE**

#### **FACULTY—1917-1918**

**ROBERT SHARP, A. M., Ph. D.,** President of the University.

**\*WILLIAM HENRY SEEMANN, M. D.,** Dean and Professor of Hygiene and Tropical Medicine.

**ISADORE DYER, M. D.,** Professor of Tropical Skin Diseases.

**ABRAHAM LOUIS METZ, M. D.,** Professor of Chemistry.

**CHARLES CASSEDY BASS, M. D.,** Professor of Experimental Medicine and Director of Laboratories of Clinical Medicine.

**GEORGE EUGENE BEYER,** Professor of Medical Entomology, Protozoology and Helminthology and Curator of Museum.

**ANDREW G. FRIEDRICHS, M. D.,** Professor of Oral Hygiene.

**ALLEN CHOTARD EUSTIS, M. D.,** Assistant Professor of Dietetics and Nutritional Diseases.

**HERBERT M. SHILSTONE, D. P. H.,** Lecturer and Demonstrator in charge of Laboratory of Preventive Medicine.

**FOSTER M. JOHNS, M. D.,** Assistant in Experimental Medicine.

**MARY ELIZABETH BASS, M. D.,** Lecturer and Demonstrator in Laboratory of Clinical Medicine.

**JAMES CLIFTON COLE, M. D.,** Lecturer and Demonstrator in Laboratory of Clinical Medicine.

**\*STANFORD CHAILLE JAMISON, M. D.,** Clinical and Laboratory of Tropical Medicine.

**EDMUND MOSS, M. D.,** Instructor in School of Hygiene.

**\*PERCY LEONARD QUERENS, M. D.,** Clinical and Laboratory Instructor in Tropical Diseases.

**WILLIAM ALVIN LOVE, M. D.,** Instructor in Dietetics and Nutritional Diseases.

**MILDRED GAUCHE, M. Sc.,** Instructor in Medical Entomology, and Assistant Curator of the Museum.

**\*Absent on leave on Government duty.**



### **SPECIAL ANNOUNCEMENT**

**By action of the Board of Administrators, at a meeting held June 10, 1918, instruction in the School of Hygiene and Tropical Medicine, including Preventive Medicine, was suspended during the period of the war.**

---

### **GENERAL STATEMENT**

Recognizing the fact that the city of New Orleans is one of the very foremost ports of entrance for nearly all tropical regions of the Western Hemisphere and, consequently, also the one which logically would furnish the most direct material necessary for the teaching of the diseases prevalent in tropical climates, the Board of Administrators of Tulane University first created in 1911 a department of Tropical Medicine and Hygiene. This subsequently led to the organization of The School of Tropical Medicine, Hygiene and Preventive Medicine. The facilities for teaching and research possessed by the School are so eminently great that it would invite comparison with other Schools of the same scope and purpose.

The studies offered by the School consists of courses for medical students, physicians, graduate and special research students. Men and women are admitted to all the courses on equal terms.

The medical courses include both required (under-graduate) work in the regular curriculum of the School of Medicine and various added professional and special courses in public health, tropical medicine, immunity, parasitology, medical entomology and other related subjects.

Such subjects of interest in Sanitary Engineering as are important from a medical standpoint will be fully covered.

The degrees at present available for students in the school, with the studies leading to such degrees, are as follows:

(1) Doctor of Public Health (Dr. P. H.) Open to persons holding the degrees of M. D. from Tulane or any other recognized school of medicine or the equivalent of this degree for public health work as determined by the University authorities and the Dean of the School.

The degree of Dr. P. H. or D. T. M. H. will not be conferred unless applicant has presented a thesis of original merit in any one of the major subjects for the respective degrees.

(2) Certificates of attendance and proficiency and recommendation as health officer, commissioner or expert. Students holding the degree of M. D. or its equivalent from Tulane University or any other recognized university or college are eligible.

(3) Diplomas in Tropical Medicine and Hygiene (D. T. M. H.) Prerequisite, the degree of M. D. from Tulane or any other recognized medical school.

(4) Certificate of attendance and work accomplished with recommendation for public school teacher's certificate in Hygiene. Teacher's certificate required.

On completion of each course required for either the degree of Dr. P. H. or Diploma or Certificate, a card will be issued and signed by the Professor in charge and the Dean, to the effect that the final examination has been satisfactory and that the student is relieved of all further obligations in that course. When all cards for the separate courses required for either degree, diploma or certificate are presented by holder, the degree, diploma or certificate may be conferred upon a final oral examination by a faculty committee appointed by the Dean. Candidates for graduation must present their respective number of cards within three consecutive years.

### LABORATORIES.

The laboratories of the school consists of the following:

**The Chaille Memorial Laboratory of Public Health and Preventive Medicine**, in the Hutchinson Memorial Building. This laboratory is fitted with both chemical and microbiological tables and apparatus and is equipped for examinations in the courses in Public Health and Preventive Medicine. The manipulations incident to the laboratory study of air, water, milk, food, soil, sewage, disinfectants bacterial vaccines, antisera, etc., are provided for, and lockers and space, both at the chemical and microscopical tables, are available for each student.

**The Graduate and Research Laboratory of Tropical Medicine and Hygiene**, in the Hutchinson Memorial Building. This laboratory is fitted up with apparatus for work and investigation in Hygiene, Preventive Medicine and Tropical Diseases. The equipment is sufficient for research on the bacteriology, zoology and chemistry of water, milk, and sewage, and on the immunological, chemical and biological aspects of other laboratory health and disease problems. Entomological and helminthological work is provided for as well as the hygienic and clinical laboratory work.

**The Junior Laboratory of Clinical Medicine**, in the Hutchinson Memorial. This laboratory as well as the next mentioned is affiliated with the Laboratories of Clinical Medicine, as the under-

graduate courses at Tulane in tropical and general medicine are conducted in close collaboration. This is due to the fact that a large part of the practitioner's work in the Southern States deals with tropical diseases. Each student is provided with all the apparatus and material necessary for making the laboratory examinations required in the general course of tropical practice. Blood, feces, urine, sputum and exudates of tropical cases are examined by the student, and in addition, laboratory work with mosquitoes and other biting arthropods, intestinal and other parasitic worms and various pathogenic protozoa is carried on.

**The Senior Laboratory of Tropical Medicine**, in the Hutchinson Memorial. Like the preceding, this laboratory is affiliated with the Laboratories of Clinical Medicine. In it, the student examines the clinical and pathological material collected by him in the wards of the hospital. Special attention is paid to the laboratory diagnosis of the tropical diseases and parasites native to the Southern States of America.

**The Laboratory of General Chemistry**, in the Richardson Chemistry Building.

The laboratory of the Professor of Chemistry, located in the Richardson Memorial Building is open to the students of the school who wish to prosecute advanced studies in Chemistry as related to public health. This laboratory, which is under the direction of Prof. Metz, is magnificently equipped with sterilizers, autoclave, incubator, microscopes, Kjeldahl and Wanklyn's apparatus, fuming chamber and other equipment necessary for carrying on laboratory work in general hygiene.

---

### THE HOSPITAL FACILITIES

for the study of tropical medicine and preventive medicine are the best in the United States. A full description of the Charity Hospital and the Touro Infirmary will be found in another section of this Register.

---

### THE LIBRARY

The Library at present consists of about 4000 volumes and pamphlets dealing with the various subjects in hygiene and tropical medicine and is at the disposal of all students. Periodicals and new books are being constantly added.

### THE MUSEUM

The many specimens which have already been collected have been placed in the Museum conveniently adjacent to the library, and as they are being constantly added to, they will no doubt prove a source of great benefit to the students of the school.

The Museum contains the type representations of all the subjects which are embraced in the study of Medical Entomology, Protozoology and Helminthology, as well as gross and microscopical specimens or tissues illustrating Tropical Diseases.

Representative types of insects concerned in disease transmission have been prepared for exhibition and study.

The collections are arranged in such a manner as to make them easily available and comprehensible to the student.

Individual efforts in the collection and mounting of specimens will be required, each student being expected to make at least two preparations of the rarer specimens studied during their term or terms, for preservation in the permanent collection. These specimens accompanied by full data must be turned over to the Curators of the Museum.

---

### NON-PROFESSIONAL COURSE

The course of study in Public Health and Preventive Medicine given to (under-graduate) medical students extends throughout the Junior year. It consists of lectures, demonstrations and of laboratory periods. There is also some field work in connection with the course. The various aspects of Hygiene which are of immediate interest to the practicing physician are taken up in considerable detail. Special emphasis is laid on the adoption by the medical student of a broad point of view in dealing with public health problems.

Text-books: Rosenan, "Hygiene Preventive Medicine;" Kenwood, "Public Health Laboratory Work;" Bergoy, "Principles of Hygiene;" for reference, Lehmann, "Methods of Practical Hygiene;" Harrington, "Practical Hygiene."

One and one-half hours a week lecture, six hours a week laboratory, required of all students of medicine in the Junior year.

**Tropical Medicine.** The course in Tropical Medicine for under-graduate medical students extends throughout the Senior year and consists of lectures and demonstrations, laboratory periods and clinics. The diseases due to physical and chemical agencies, to vegetable and animal parasites, and to unknown causation, are taken up in turn.

Special emphasis is laid on the tropical diseases frequently met by the general practitioner in the Southern States.

Text-books: Castellani and Chalmers, "Manual of Tropical Medicine;" Manson, "Tropical Diseases;" for reference, Mense, "Handbuch der Tropenkrankheiten;" Ruge and zur Werth, "Tropenkrankheiten und Tropenhygiene."

One and one-half hours a week lectures, three hours a week laboratory, one hour a week clinics before sections of the class at the Charity Hospital, required of all students of medicine in the Senior year.

---

## PROFESSIONAL COURSE FOR THE DEGREE OF DOCTOR OF PUBLIC HEALTH

This course is for physicians and other persons possessing satisfactory attainments for admission as indicated in General Statement. The work includes didactic and laboratory training in the application of physical, biological, chemical and bacteriological methods to the problems in public health, and consists of instruction in standard methods of examination of air, water and food, laboratory practice in the detection of communicable diseases, recognition and identification of animal parasites and their carriers or other means of transmission, testing of disinfectants and standardization of biologic products. Practical training in vital statistics, public health administration and other allied subjects are also considered in this course.

---

### OUTLINE OF COURSES

---

#### I. WATER, FOOD AND AIR ANALYSIS

##### A)—Water.

- a) Quantitive Analysis according to methods laid down by the A. P. H. A.
- b) Qualitative tests for impurities.
- c) Bacteriological Examination.

##### B)—Food.

###### I) MEAT.

- a) Estimation of Protein and Fats.
- b) Detection of Animal Parasites.
- c) Detection of Adulterants.

**II) MILK.**

- a) Quantitative Analysis.
- b) Detection of Adulterants.
- c) Bacterial contamination.

**III) FATS.**

Analysis and detection of the more common adulterants in Butter, Oleomargarine, Lard and Oils.

**IV) CARBOHYDRATES.**

Analysis and detection of adulterants in Bread, Flour, Starch and Sugar.

**V) BEVERAGES.**

- a) Non-Alcoholic.  
Analysis and detection of the common adulterants of Coffee, Tea and Cocoa.
- b) Alcoholic,  
Analysis and detection of adulterants in Whiskey, Wine and Beer.

---

**II. VENTILATION, LIGHTING AND VITAL STATISTICS****C—Air.**

- a) Determination of impurities and humidity.
- b) Bacterial content.

**D)—Ventilation.**

- a) Determination of the degree of ventilation of a room according to the In and Outlet Areas and the Air Current Velocity.
- b) Problems in Ventilation.

**E)—Lighting.**

- a) Gas Analysis.
- b) Photometric Determinations.

**F)—Vital Statistics.**

Estimation of Population Increase, Marriage, Birth and Death Rate with practical illustrations.

---

**III. SEWAGE DISPOSAL, DISINFECTION AND IMMUNITY****G)—Sewage Disposal.**

- a) Analytical Methods and Clarification Tests.
- b) Bacterial Content.

**H)—Disinfection.**

- a) Experiments showing the action of Light, Heat (dry and moist) and Chemical Disinfectants.
- b) Determination of the so-called Phenol Co-efficient for several Disinfectants.

**I)—Immunity.**

- a) Experimental production of Toxine and Anti-toxine.
- b) Experimental production of Agglutinins.
- c) Phenomenon of Phagocytosis, Opsonins and the Opsonic Index.
- d) Vaccines. The estimation of the number of organisms per c. c. of vaccine.
- e) The Precipitin Reaction.
- f) The Haemolytic Cycle, and Complement Deflection Phenomenon of the Wassermann Reaction.
- g) Experiments illustrating Anaphylaxis.

---

**IV. MEDICAL PROTOZOOLOGY**

This course consists of a thorough representation and study of the unicellular animals in general, after which, particular stress will be laid upon the investigation of those classes and individual species which are so far known to be either parasitic only or pathogenic to man. The protozoa, for instance, which are causative of Amebiasis, Trypanosomiasis, Coccidiasis, Piroplasmosis, Malaria, etc., will be treated with specific consideration and in greater detail.

Lectures three hours per week. Laboratory four hours.

---

**V. MEDICAL HELMINTHOLOGY AND ENTOMOLOGY**

The main object of this course is the study of the structure and life cycles of those worms and insects which are directly responsible for pathological conditions in man either by their direct parasitism or by their agency in disease transmission. The various forms of Trematodes, Cestodes and Nematodes which are known so far in man, will be studied thoroughly and in detail.

The entomological part of the course consists mainly in the exhaustive study of those orders which do or may concern the medical man. Into this course are incorporated all those Arthropods which are not classed with the insects, such as the ticks, mites, etc. Particular attention in the entire course will be paid to the study and comparison of their mouth parts, digestive systems and their metamorphoses.

The **Laboratory work** consists in studying the morphology and histology of selected types of fresh dissections as well as by stained preparations. Practice in fixing, imbedding, sectioning and staining methods to be used, is an important part of the work.

Lectures three hours per week. Laboratory four hours.

**Parasitology.** (Optional)

This course is open only to those who have completed the studies in Protozoology, Helminthology and Entomology or their equivalent, and is intended for direct application of those courses to experimental and research work.

Analysis of known conditions and hypothetical deductions for determining unknown etiologic factors in diseases will constitute a part of the course, as will also the systematic tabulation and co-ordination of the details necessary and essential in experimental research work.

Lectures two hours per week. Laboratory as work indicates.

**Venomous Vertebrates:** (Optional)

This course treats with the natural history, distribution and habitate of the various groups of vertebrate animals, such as fishes, batrachians and reptiles dangerous to man. The pathological conditions caused by them will be fully discussed. Practical laboratory work for demonstration will be furnished, giving an opportunity for study of the structures involved and experimental facilities.

---

## VI. TROPICAL DISEASES OF THE SKIN

Regular clinics are held for skin diseases on Mondays, Tuesdays, Thursdays and Saturdays, at the Charity Hospital, at which students of this school are welcome. In addition text reading will be assigned and meetings will be arranged with students for the purpose of discussion of this especial field.

---

## VII. COMBINED CLINICAL AND MICROSCOPIC COURSE IN TROPICAL MEDICINE

This course consists of one or two lectures or clinics on tropical diseases and from four to six hours of laboratory exercises each day. The aim in the laboratory course will be to have the student thoroughly master the fundamental principles in clinical microscopy and to learn to make accurate and dependable diagnoses of all the material arising in a general practice in our Southern States or in a laboratory doing work for general practitioners in the South. Very thorough work is



conducted in malaria, hookworm and other intestinal parasitic infections, including amebiasis, and other tropical and semi-tropical diseases.

---

### **VIII. DIETETICS AND NUTRITIONAL DISEASES**

Didactic lectures with demonstrations of the accepted tests for functional activity of the liver, kidneys and stomach. The course covers the fundamental principles of dietetics, the relation of diet to preventive medicine and longevity, the proper diet in the tropics, the relation of diet to Beri beri, Scurvy and Pellagra, and the dietetic treatment of other diseases in which the diet is the important factor in successful treatment.

These didactic lectures are supplemented by clinical lectures in which the effect of diet upon various diseases can be observed upon patients in the clinic of the Charity Hospital.

Text Books: Libbles "Dietetics;" Lusk's "Normal Nutrition;" Well's "Chemical Pathology."

---

### **IX. WATER ZOOLOGY AND WATER BACTERIOLOGY**

This course is a comprehensive one of microscopic water zoology and botany, including the bacteriology of water supplies and sewage, Plankton studies of the extensive nearby lake and lagoon areas will constitute a part of the work. The various methods now in vogue for ascertaining the numbers of animal organisms and their suppression will be taken up with each group. The bacteriological work will include methods of cultivation, isolation and identification of bacterial organisms in water supplies and sewage.

Lecture two hours per week. Laboratory at least four hours.

Text Books: Wipple, "The Microscopy of Drinking Water."

---

### **X. ORAL HYGIENE**

This course treats with the normal and pathological conditions of the buccal cavity as they are concerned in general health and disease.

---

### **GENERAL COURSE IN TROPICAL MEDICINE FOR THE DIPLOMA IN TROPICAL MEDICINE AND HYGIENE**

This course leads to the Diploma in Tropical Medicine and Hygiene (D. T. M. H.) and is planned to equip medical men and women and especially qualified laymen, who expect to proceed to the tropics or who are on furloughs from the tropics so that they will be

adequately prepared to recognize, treat and investigate the diseases peculiar to warm regions. The scope of the work is comprehensive and the principles involved are fully considered in connection with the study of special diseases. The course consists of laboratory periods, demonstrations, exhibits, clinics, lectures and special investigations. The work is made practical and can be supplemented and extended along any particular line in which the student is specially interested.

### Didactic

(Consisting of Lectures and Demonstrations.)

The Etiology of Tropical Diseases.

Heat Stroke, pellagra, prickly heat, tropical poisons.

Blackwater fever, yellow fever.

Leprosy, cholera, plague, Malta fever.

Amebiasis, other dysenteries.

Malaria, spirochetoses.

Trypanosomiasis and herpetomoniasis.

Filariases, other tissue parasites.

Hookworm and other intestinal parasites.

Beri-beri, sprue, dengue and other obscure diseases.

### Practical

(Consisting of Laboratory Work and Clinics.)

Practice in special laboratory technique.

Clinics and demonstrations.

Clinics, demonstrations of specimens.

Clinics, cultures, animal inoculations and pathological specimens.

Clinics, diagnostic technic.

Clinics, diagnostic technic, demonstrations of slides and specimens.

Demonstrations of infected animals, of charts, maps, photographs and specimens.

Demonstrations, infected animals, diagnostic technic.

Clinics, diagnostic technic.

Clinics or demonstrations of charts, photographs, maps, and pathological specimens.

## RESEARCH IN TROPICAL MEDICINE

Research work is offered on selected problems in Tropical Medicine. Properly qualified students, both graduate and under-graduate, may enter this course at any time, and opportunity will be given such to enjoy as many laboratory and clinical advantages as they desire. Such students will also receive suggestions, advice and criticism regarding bibliographical usages, methods of investigation and details of publishing the results of their studies.

## CERTIFICATES

A certificate will be given to any qualified applicant, accepted by the Dean, upon completion of any elected course, provided that a satisfactory examination has been passed.

### **EXTENSION COURSE IN HOUSEHOLD BACTERIOLOGY AND FOOD ANALYSIS**

This course is intended chiefly for teachers in the Normal and High Schools as well as other persons who in the judgement of the faculty may be qualified for taking it.

#### **TABLE OF FEES**

<b>Matriculation Fee</b> .....	<b>\$5</b>
<b>Infirmary Fee</b> .....	<b>5</b>
<b>Microscope Fee</b> .....	<b>10</b>
<b>Breakage Fee (for each Laboratory)</b> .....	<b>5</b>
<b>Laboratory Fee (each course)</b> .....	<b>15</b>
<b>Tuition for Full Session (inclusive)</b> .....	<b>150</b>
<b>For Three Months (each course)</b> .....	<b>50</b>
(Courses less than Three Months, \$50).	
<b>Graduation Fee</b> .....	<b>20</b>

For special courses in research special rates may be arranged.

A Laboratory Fee (\$15 for each course) will be charged all students registering from other schools or departments in the University. No charge will be made for tuition.

All matriculants in the College of Medicine are charged \$5 each session.

Microscope Fees may be credited towards purchase of microscope during or at end of course, otherwise the fee reverts to the College of Medicine. Students who furnish their own microscopes are not charged this fee.

All fees are payable at entrance and no refunds are made on the tuition account if two-thirds of the course have been completed.

For all other information, address,

**DR. WM. H. SERMANN, Dean,**  
**School of Hygiene and Tropical Medicine,**  
1551 Canal Street, New Orleans, La.

# COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## FACULTY—1918-1919

ROBERT SHARP, A. M., Ph. D. Leipzig, President of the University.

MORTON A. ALDRICH, A. B. Harvard, Ph. D. University of Halle, Dean and Professor of Economics.

Since 1901 Head of the Department of Economics of Tulane University. Formerly Instructor in Economics, Harvard University, Assistant Professor of Economics, Leland Stanford, Jr., University, and Professor of Economics in the Summer Session of the University of Illinois. Member of the Louisiana Tax Commission of 1912. Director of the New Orleans Association of Commerce, 1912-1917.

NICHOLAS CALLAN, A. B., LL. B. Tulane, Lecturer in charge of instruction in Public Speaking for Business.

Assistant United States Attorney. Member of the law firm of Callan, Blancard and Viosca. For four years Tulane Varsity debater. Formerly student of public speaking at Columbia University and instructor in debating of the New Orleans Chapter of the American Institute of Banking.

JOSEPH COLLINS, Lecturer in charge of instruction in Life Insurance Salesmanship.

Special Agent, New York Life Insurance Co. Chairman of Educational Committee of the Louisiana Life Underwriters' Association.

\_\_\_\_\_, Lecturer in charge of instruction in Commercial French.

JOHN S. KENDALL, A. B., A. M., Tulane, Assistant Professor of Commercial Spanish.

Head of the Department of Spanish in Tulane University. Formerly literary editor of the New Orleans Picayune, a resident or frequent traveler in Porto Rico, Cuba, and Central America, and for some years in business in Mexico.

STUART O. LANDRY, Lecturer in charge of instruction in Advertising.

President of Chambers Agency. Former President of the Advertising Club of New Orleans.

GUY V. W. LYMAN, C. P. A., Lecturer in charge of instruction in Accounting.

Certified Public Accountant. Member of Louisiana State Board of Accountants.

FRANK L. RAMOS, Lecturer in charge of instruction in Practical Banking.

Assistant Cashier, Canal Bank and Trust Co.

\*To be Appointed.

**CLAUDE G. RIVES, JR.**, Lecturer in charge of instruction in Practical Banking.

Auditor, Interstate Trust and Banking Co. Formerly Assistant Examiner of State Banks.

**RALPH J. SCHWARZ**, A. B. Tulane, A. M., LL. B. Columbia, Professor of Commercial Law.

Member of the law firm of Merrick, Gensler & Schwarz. Since 1906 Professor of Law in the College of Law of Tulane University.

**JACOB N. SOKOHL**, B. S., Columbia, Lecturer in charge of instruction in Business Statistics.

Superintendent of Young Men's Hebrew Association. For four years graduate student of economics and statistics at Columbia University. Formerly deputy arbitrator for the Cloak, Suit and Skirt Manufacturers' Association of New York.

**JOHN B. SWINNEY**, A. B. Syracuse, Professor of Marketing.

Formerly Lecturer in Merchandising and Business English in New York University School of Commerce and director of the teaching staff of Alexander Hamilton Institute. Business experience in retailing in small stores and in advertising and buying with John Wanamaker, in wholesaling with Longmans, Green & Co., and in finance and management as assistant secretary of the Guaranty Securities Corporation of New York. Editor of Harpers' Retail Business Series, and author of "Merchandising: Wholesale and Retail."

**SAMUEL W. WEIS**, Lecturer in charge of instruction in the Marketing of Cotton.

Formerly student in the Massachusetts Institute of Technology. Member of the firms of Julius Weis & Co., cotton factors, and Julius Weis & Son, exchange, brokers, and bankers. Treasurer of the New Orleans Cotton Exchange, 1906-1915.

---

### PERMANENT ENDOWMENT

The first permanent endowment of the College of Commerce and Business Administration was a bequest of \$1000 from Mr. David Pokorny, in 1917. In the same year, Messrs. Robert H. Downman, W. Radcliffe Irby and Albert Mackie each contributed \$1000 to the permanent endowment fund.

---

### BOARD OF GUARANTORS

The following citizens, firms and corporations are giving substantial expression of their interest and faith in mature professional training for a business career by assuming financial responsibility for the College of Commerce and Business Administration.

In response to the request of the Board of Administrators of the Tulane Educational Fund, the members of this Board of Guarantors have elected officers and formed a permanent organization, in order

that it may be possible to confer with them in regard to matters affecting the success of the College.

Ernest A. Burguières, Chairman.

Maurice B. Kreeger, Vice-Chairman.

Gayle Aiken, Jr., Secretary.

Executive Committee—Gustave B. Baldwin, Ben Beekman, John E. Bouden, William P. Burke, Frank Dameron, Lynn H. Dinkins, F. W. Evans, Abraham Goldberg, Theodore Grunewald, C. A. Hartwell, Paul F. Jahncke, Albert Mackie, Gus Mayer, Levering Moore, P. S. Morris, I. T. Rhea, Jr., Abraham Rosenberg, M. J. Sanders, Paul H. Saunders, Leon C. Simon, William E. Stauffer, Nugent B. Vairin, Sr., Eli T. Watson, Samuel W. Weis, J. Parham Werlein, and James L. Wright.

Coleman E. Adler  
Gayle Aiken, Jr.  
J. A. Airey  
Morton A. Aldrich  
Alfred S. Amer & Co.  
J. Aron & Co.  
Albert Aschaffenburg  
M. Augustin  
J. A. Badger  
Gustave B. Baldwin  
H. F. Baldwin  
E. T. Barry & Co.  
Ben Beekman  
Martin Behrman  
Sam Blum  
E. J. Bobet  
Sam Bonart  
Jos. A. Breauz  
A. Brittin  
James Buckley & Co., Ltd.  
Ernest A. Burguières  
Nicholas Burke & Co.  
James P. Butler, Jr.  
B. C. Casanas  
E. L. Chappuis  
John F. Clark  
B. Cohn Co., Ltd.  
J. P. Cordill  
H. T. Cottam & Co.  
D. D. Curran  
Dameron-Pierson Co., Ltd.  
Mrs. John Dibert  
Lynn H. Dinkins  
R. H. Downman  
Dugan Piano Co.

Favrot & Livaudais  
L. Feibelman  
Charles Payne Fenner  
C. B. Fox  
L. Frank & Co.  
Gibert & Clay  
E. J. Glenn  
Godchaux & Mayer, Ltd.  
Leon Godchaux Clothing Co., Ltd.  
Abraham Goldberg  
A. B. Griswold & Co., Ltd.  
Theodore Grunewald  
Henry E. Gumbel  
C. H. Hamilton  
Jeff D. Hardin  
Junius Hart Piano House, Ltd.  
C. A. Hartwell  
T. Hausmann & Sons, Ltd.  
J. W. Hearn  
R. S. Hecht  
Hunt Henderson  
William Henderson  
Alfred Hero  
D. H. Holmes Co., Ltd.  
Alvin P. Howard  
Imperial Shoe Store  
Interstate Electric Co.  
W. R. Irby  
Marks Isaacs Co.  
Mayer Israel & Co.  
Sam Israel  
Jahncke Navigation Co.  
Wm. T. Jones  
P. Jorda Kahle, M. D.  
Katz & Besthoff

- Chas. A. Kaufman & Co.  
 J. Watts Kearny & Sons  
 Keiffer Bros. Co.  
 J. D. Kenney  
 Joseph Kohn  
 Conrad Kolb  
 Krauss Bros. Lumber Co.  
 Krauss Co., Ltd.  
 The Kreeger Store, Inc.  
 Leonard Krower  
 Lane Cotton Mills  
 Louis Lang  
 Lazarus, Michel & Lazarus  
 N. M. Leach  
 Hunter C. Leake  
 Alfred LeBlanc  
 Monte M. Lemann  
 Gustave Lemle  
 Letellier-Phillips Paper Co.  
 M. Levy & Sons  
 Liverpool & London & Globe  
 Ins. Co.  
 Ernest M. Loeb  
 Louisiana State Rice Milling Co.  
 Albert Mackie  
 Maison Blanche Co.  
 W. J. Martinez & Bros.  
 Marwick, Mitchell, Peat & Co.  
 Gus Mayer Co., Ltd.  
 Norman Mayer  
 Mente & Co.  
 Edwin T. Merrick  
 Metropolitan Bank  
 Milliken & Farwell  
 Levering Moore  
 Robert Moore  
 P. S. Morris  
 W. Irving Moss  
 Silvan Newburger  
 Isidore Newman & Sons  
 Julian B. Newman  
 N. O. Furniture Mfg. Co.  
 J. D. O'Keefe  
 J. L. Onorato  
 Gordon S. Orme  
 Otis Manufacturing Co.  
 E. C. Palmer & Co., Ltd.  
 C. T. Patterson Co., Ltd.  
 Pelican Ice Co.  
 Penick & Ford, Ltd.  
 J. G. Pepper  
 Wm. Pfaff  
 David Pokorny  
 M. Pokorny & Sons, Ltd.  
 Reily-Taylor Co.  
 I. T. Rhea, Jr.  
 A. G. Ricks  
 E. G. Rogers  
 Robinson, Havener & Co.  
 Abraham Rosenberg  
 M. J. Sanders  
 Paul H. Saunders  
 E. G. Schlieder  
 Leon E. Schwartz  
 Sam Schwartz  
 J. B. Simmons  
 Leon C. Simon  
 Thomas Sloo  
 A. M. & J. Solari, Ltd.  
 Southern Paper Co., Ltd.  
 Stauffer, Eshleman & Co., Ltd.  
 Stern Foundry & Machinery Co.  
 Maurice Stern  
 H. B. Stevens & Co., Ltd.  
 William H. S. Stevens  
 John S. Talmage Co., Ltd.  
 C. S. Thomas  
 Wm. B. Thompson  
 Tulane Society of Economics  
 Theodore N. Vail  
 Nugent B. Vairin, Sr.  
 A. Vizard  
 Walk-Over Boot Shop  
 Watson, Williams & Co.  
 Herman Weil  
 Charles Weinberger  
 Samuel W. Weis  
 Simon Weis  
 Walter G. Weiss  
 Philip Werlein, Ltd.  
 Chas. E. Wermuth  
 Westfeldt Bros.  
 White Bros. & Co.  
 Whitney-Central National Bank  
 Pearl Wight  
 Woodward, Wight & Co., Ltd.  
 Williams-Richardson Co., Ltd.  
 James L. Wright  
 Walter Wright  
 A. C. Wuerpel  
 Samuel Zemurray

**GENERAL STATEMENT**

The College of Commerce and Business Administration of the Tulane University of Louisiana was established in September, 1914, by vote of the Board of Administrators of the Tulane Educational Fund. This action was made possible by the generous co-operation of the New Orleans Association of Commerce, the Society of Louisiana Certified Public Accountants, and of 105 citizens, firms and corporations who guaranteed the expenses of the College for its first three years.

The names of those who have endowed the College and of the citizens, firms and corporations who are members of the Board of Guarantors of the College and are contributing to its support are printed on pages 4, 5 and 6 of this Bulletin.

Both the day and night courses of the College are open to women on the same terms as men.

The Young Men's Branch of the Association of Commerce has appointed an Advisory Committee, at the request of the Executive Committee of the Board of Guarantors of the College, to sit with this Executive Committee and to aid it in increasing the usefulness of the College.

In 1915, Mr. Theodore N. Vail of New York contributed \$500. to the library of the College.

The course in Advertising is given with the co-operation of the Advertising Club of New Orleans.

The Advertising Club of New Orleans, at the request of the College, has also appointed a Committee to assist the College in the preparation of its advertising.

The courses in Life Insurance Salesmanship are given with the co-operation of the Louisiana Life Underwriters' Association.

This College is included in the co-operative educational plan of the National City Bank of New York. The Interstate Trust and Banking Company of New Orleans is co-operating with the College in a similar plan, and close co-operative relations have been established between the College and other New Orleans banks and business houses.

---

**AIM**

The purpose of this College is to offer substantial professional training preparing for a business career. The instruction offered is planned for students sufficiently able and mature to do work of university grade, and no student will be received unless prepared to do work of this character. It is essential, also, to the permanent success of the College that its students approach their work in an earnest professional spirit.



**DAY CLASSES AT GIBSON HALL**

The day classes of the four year day course of the College meet in Gibson Hall, on St. Charles Avenue, opposite Audubon Park.

**CLASSES AT NIGHT FROM 8 TO 9:45 O'CLOCK AT THE ASSOCIATION OF COMMERCE**

In order to make the courses available for business men and women, classes are held at night from 8 to 9:45 o'clock. These night classes and the public Friday Night Business Talks meet at the Association of Commerce, which has evidenced its approval of the instruction offered by providing ample accommodations.

Each course meets one night a week from 8 to 9:45 o'clock.

Any course may be taken separately. By devoting only one night a week to the work, a student may take any one of the night courses offered.

A large number of business men and women take from two to four of these night courses.

A certificate, which both the student and business men and employers will value because it represents a considerable amount of work, is awarded to students who meet the University entrance requirements and complete eight two-hour courses (or their equivalent) in business subjects.

**PUBLIC FRIDAY NIGHT BUSINESS TALKS AT THE ASSOCIATION OF COMMERCE**

In addition to the regular courses, a series of informal talks on business subjects by business men are held on Friday nights, at 8 o'clock, at the Association of Commerce. Each talk is followed by general questioning and discussion. These Friday night meetings are open to students, and to the public, without charge. They are largely attended by business men.

A list of these special lecturers is given on pages 8-11.

Students should attach the same importance to these talks as to the regular courses.

**REQUIREMENTS FOR ADMISSION**

(See page 44)

Women are admitted to both the day and night courses on the same terms as men.

1. Applicants twenty-one years of age or over (or 20 years or over in the case of applicants who have had two years of

business experience) are admitted on evidence of their ability to profit by the course or courses which they select.

2. Applicants under twenty-one (or under 20 in the case of applicants who have had two years of business experience) must satisfy the usual university entrance requirements as stated below; and are requested to consult the Dean at once concerning these requirements.

Applicants for admission should be not less than sixteen years of age.

---

### **NOTICE TO STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY**

Students of the College of Arts and Sciences and the College of Technology may elect courses in the College of Commerce and Business Administration.

Law students will find that a number of the courses offered in this College are of direct professional value.

---

### **FEES AND EXPENSES FOR DAY STUDENTS**

The following are the fees for men day students, and for women day students, in their junior and senior years. (For the fees for women day students, in their freshmen and sophomore years, see the statement of fees in Newcomb College).

The annual tuition fee is \$100. Each student is required to pay a registration fee of \$15, a library fee of \$5 and a gymnasium-athletic fee of \$10, which provides use of the gymnasium, services of the Director of Physical Training and a season ticket admitting to all major athletic events on the home grounds. Students excused from physical training, through prior credit or for other reasons, are not excused from the payment of the gymnasium-athletic fee. Students working in laboratories are charged an annual fee of \$15 for each laboratory used by them. Students taking chemical or physical laboratory must deposit a fee of \$5 to cover the cost of breakage.

A medical fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with their parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

These fees are payable in advance in two equal installments, one-half at the beginning of each term, except the medical attendance

fee of \$5, the library fee of \$5, and the gymnasium-athletic fee of \$10, which are paid at the time of registering.

A fee of \$5 to cover expenses of graduation, diploma, etc., is charged to each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement. The amount is refunded should the degree not be conferred.

Students are liable for their fees up to the end of the half year in which written notice of their withdrawal is received.

The necessary expenses of a student are moderate; the attractive dormitories and the dining hall on the University grounds (see page 18) make possible comfortable, dignified living at a minimum cost.

The necessary expenses for a session are:

	MINI- MUM	MODER- ATE
Tuition fee.....	\$100.00	\$100.00
Registration fee.....	15.00	15.00
Library fee.....	5.00	5.00
Gymnasium-Athletic fee.....	10.00	10.00
Board and lodging, including heat and lights.....	160.00	200.00
Laundry.....	15.00	15.00
Books and stationery.....	20.00	25.00
Medical Attendance fee.....	5.00	5.00
Total.....	\$330.00	\$375.00

Students holding scholarships (see below) will deduct \$100.00 from the above total. Fifteen dollars should be added for each laboratory course taken.

### SCHOLARSHIPS

The Scholarships of the College of Arts and Sciences, of Newcomb College (for women), and of the College of Technology are open to students in the first two years of the four year day course.

### FEES FOR NIGHT COURSES

The Friday Night Business Talks by business men are open to all students, and to the public, without charge.

The tuition fee for each night course is \$20. This fee includes the matriculation and registration fee, and is for the entire College year. The tuition fee for the half course in Life Insurance Salesmanship is \$10.

Students who take only one course are expected to pay the tuition fee in advance. Students who take more than one course may divide their payments into two equal parts, one-half to be paid in advance, before the first meetings of their courses, and the other half to be paid on or before February 3rd, 1919.

The tuition fee (or the first payment in the case of a student taking more than one course) must be paid before a student is enrolled in any class. **Payment is to be made at the office of the Dean at the Association of Commerce, between 7 and 8 o'clock, on the night of the first meeting of the course or courses taken.** Payments are to be made only to the Assistant Registrar and Bursar of the College, who will be present on these nights to receive tuition fees.

The second payment by students who are allowed to divide their payment is to be made at the office of the Dean at the Association of Commerce, between 7 and 8 o'clock, on Monday, February 3rd, 1919.

No deduction will be allowed for absences. In the case of a student taking only one course, no deduction is allowed for withdrawal. Students taking two or more courses are liable for their tuition fees up to the end of the half year in which written notice of their withdrawal is received.

---

### REGISTRATION

As evidence of registration, each student is requested to show his receipt for his tuition fee to the instructor at the first meeting of each course.

Students in the first two years of the four year course leading to the degree of Bachelor of Business Administration are required to register both in the College of Commerce and Business Administration and in the College of Arts and Sciences, or Newcomb College (for women), or the College of Technology.

---

### MILITARY AND PHYSICAL TRAINING

Not less than five hours a week of military training, including physical training, is required of all physically able male students in the day course of this College. These students are required to wear the regulation uniform while on the campus.

The above requirements do not apply to students taking night courses only.

---

### COURSE OF STUDY FOR THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION

The first two years of the four year course leading to the degree of Bachelor of Business Administration are primarily in the College of Arts and Sciences, or Newcomb College (for women), or the College of Technology. The last two years are primarily in the College of Commerce and Business Administration.

Thus most of the strictly professional work of the College is built upon a foundation of general training and is offered to students in their more mature years.

For the course of study for the first two years, see bulletin of the College in which most of the work of these two years is to be taken.

The course of study for the last two years is arranged to meet the needs of the individual student. Fifteen hours a week of classes (exclusive of Military and Physical Training), together with individual conferences with instructors and observation and study outside the class room, constitute the normal amount of work. In every case the amount of work and the selection of courses are subject to the approval of the Dean.

---

### **COMBINED BUSINESS AND LAW COURSE PERMITTING THE COMPLETION OF BOTH COURSES IN SIX YEARS**

Students in the College of Commerce and Business Administration may in their senior year elect the following law courses, for which credit will be given to the extent of nine hours towards the degree of Bachelor of Business Administration: contracts, agency, personal property, real property and torts.

Earnest and ambitious students are thus enabled to complete the work required for both their law and Bachelor of Business Administration degrees in six years.

---

### **CERTIFICATE AND DEGREE**

A student who satisfactorily completes any course in this College will be given a statement to that effect.

A student who satisfactorily completes eight two-hour courses (or their equivalent) in business subjects, and has met the university entrance requirements, will be given a Certificate.

A student who satisfactorily completes the required four years' course of study, and has met the university entrance requirements, will be graduated with the degree of Bachelor of Business Administration.

---

### **DESCRIPTION OF COURSES AND SPECIAL BULLETIN**

For special bulletin of the College of Commerce and Business Administration, containing the announcement and full description of courses offered in 1918-1919, or for any further information, address

MORTON A. ALDRICH, Dean,  
College of Commerce and Business Administration,  
Gibson Hall, Tulane University, New Orleans, La.

## **COURSES FOR TEACHERS**

---

For many years Tulane University has operated a number of courses to meet the need of those whose hours of employment will not permit attendance upon regular classes. These classes are scheduled in the afternoon hours, and on Saturdays, thus making it possible for teachers especially, if they so desire, to add to their equipment in many subjects.

The courses are of full University grade, conducted by regular members of the University faculty, and in the case of students who have satisfactorily fulfilled the entrance requirements of the University, credits obtained may be applied toward a degree.

A recent action of the Extension Committee, approved by the University Council, makes it possible for students to earn the degree of Bachelor of Arts in Education, Course for Teachers, on work done wholly in these classes. The liberal election allowed, gives opportunity for teachers to specialize considerably, while at the same time the requirements are such as to insure a course, the completion of which can be recognized by the granting of the Bachelor's degree.

An outline of the course may be briefly stated: the student must complete 6 hours of English, 6 hours of a foreign language, 6 hours of Education, 3 hours of Psychology, 3 hours of History, and 5 hours of Physics, Chemistry or Biology. Added to this 29 hours of specified work is 33 hours of elective work, the total requirement being 62 hours.

The extension faculty is drawn from the faculties of the various Colleges of the University, the work being purely voluntary on the part of these professors, and in addition to their regular duties. That the same has been appreciated is shown by the increase in numbers of Extension students, and the fact that the majority of them are following definitely outlined courses leading to degrees.

A Bulletin, giving full information concerning requirements for admission, time and place of registration, fees, courses offered, hours and place of meeting, and credits allowed, will be issued about October 1st, 1918. It is planned to open the courses November 4, 1918.

For information or special bulletin, address Professor J. A. Lyon, Chairman Committee on University Extension, Gibson Hall, Tulane University.

## THE TULANE SUMMER SCHOOL, 1918

---

The Tulane University Summer School has been in existence for ten years. The school was organized in 1918 under four main divisions: the normal school, the college, the war emergency training school, and the model high school.

The normal school was intended primarily for teachers and prospective teachers possessing a first grade teacher's certificate, a high school, normal or college diploma, or the scholarship equivalent to that represented by such certificate or diploma: for principals, superintendents, or supervisors.

There were courses offered in primary methods, which included reading, language, number work, songs, games, folk dancing, and nature study. Special work was also given in child study and child psychology. A practical demonstration of methods was given with a class of children.

For teachers in the grammar grades there were courses in arithmetic, elementary algebra, history, civics, penmanship, geography, English literature, English grammar, and composition, presenting the most effective methods of treating these subjects from the standpoint of both the pupil and the material.

High school teachers had the choice of a wide range of subjects, which included both those taught in the high school and those belonging to the college curriculum. Subjects involving high school methods included English grammar, composition, and literature, Latin, French, Spanish, history, civics, algebra, plane and solid geometry, trigonometry, physics, chemistry, mechanical drawing, freehand drawing, art.

For college students and teachers desiring advanced work for a degree, there were numerous courses in a variety of subjects, which enabled those taking them to shorten materially the time required for their degrees.

The war emergency training courses were offered in response to an urgent demand both from the Federal Board of Vocational Training and from the Woman's Committee of the Council of National Defense. These included not only full courses in the training of Red Cross and Home Service and Training, but also numerous courses in the training of both men and women for technical occupations connected with the war as well as for those in commercial life or public service.

### **LENGTH OF SESSION.**

The Summer School opened Monday, June 10, and continued for six weeks, closing Saturday, July 20. Students were enrolled for the whole period, or for such part as they desired. A number of the courses were maintained by Tulane University for an additional three weeks, in order to enable the student to obtain credit for a complete college year in the subject. Subjects in which nine weeks' courses were offered included: First and second year French, first and second year Spanish, Physics, and Chemistry. Teachers who completed satisfactorily the first six weeks of these courses were given the same credit as for any other six weeks' course. Courses in the Model High School were maintained by the University for the full nine weeks, in order that the students may receive credit for their work with the city schools.

---

### **MODEL HIGH SCHOOL.**

A Model High School was organized and manned by some of the best instructors in the state. This was a real high school with standard courses and discipline and its students were working for credit. Method classes were organized in the normal with a view to studying the model high school in every phase of its operation. Teachers were given the opportunity, as a part of their work, to inspect the high school and make full, critical reports of their observations.

---

### **WAR EMERGENCY TRAINING COURSES.**

The following is a partial list of the war emergency training courses that were offered for both men and women:

Home Service Training; Home Service Education; The Training of Filing Clerks and Cataloguers; The Training of Librarians; The Training of Private Secretaries; The Training of Draftsmen; Wireless Telegraphy; American Morse Telegraphy; Auto-Mechanics; The Training of Four-Minute Speakers; Conversational French for Drafted Men and Y. M. C. A. and Red Cross Workers.

---

### **CREDITS.**

Each six weeks' course was accepted by the State Board of Education towards certificates of credit. Such certificates of credit were issued for satisfactory work during the entire term, with a minimum of twelve and a maximum of eighteen hours per week, and entitled their holders to an increase of points on an examination



for a teacher's certificate, as announced by the State Board, or extended a valid certificate for one year. A six weeks' course was accepted by the New Orleans School Board, and, if of college grade, also entitled the student who had successfully completed it to a credit of one-third of a year's work in that subject towards the Tulane A. B. degree. A nine weeks' course gave a credit of one-half year's work in the subject. Tulane University gave certificates for these courses and the records will be placed on file at the University office, so that students may from summer to summer accumulate credits for the A. B. degree. Teachers holding Normal School diplomas who have had full high school preparation before entering the Normal School will be credited with that part of the Tulane course which they have completed, and by the addition of summer work may materially advance themselves toward a degree. Teachers or others taking the high school courses may use them for entrance credits into the University.

---

#### FEEES.

Tuition is free in normal and college courses except for a nominal registration fee. This fee, in the case of teachers, is five dollars; the fee for non-teachers is ten dollars. A small laboratory fee, to cover cost of material used, will be charged students taking laboratory courses. For certain of the war emergency training courses there was a special fee, but in no case did it exceed ten dollars for the course.

---

#### ROOM AND BOARD.

Table board could be obtained in the University refectory for \$5.25 per week. For rooms in University dormitories a single charge of \$4.00 was made, covering the entire six weeks or a less period. Those rooming in the dormitories were required to furnish bed-clothing, bar, pillows, towels, mirrors and napkins.

Those who did not desire to live on the campus secured room and board in private families or in desirable boarding houses near the University for \$6.00 per week and upward. A list of boarding houses, with full information as to rates, is kept in the office for the use of students.

---

For Bulletin of the Summer School, which will be issued in April, 1919, or for additional information, address the Director of the Summer School, Tulane University, New Orleans, La.

# CATALOGUE OF STUDENTS

## COLLEGE OF ARTS AND SCIENCES

### SENIOR CLASS

Bartlett, Anthony Jackson,	155 Audubon Blvd.	Scientific
Brown, Charles Lafayette,	Delia, Texas	Scientific
Carroll, Walter,	1219 First	Literary
Chenet, Horace Sidney, Jr.,	3507 Magazine	Literary
Kohlmann, Leon Lazarus,	1544 State	Literary
McCutchon, Edward Davis,	4020 Prytania	Literary
Marx, Edwin Feibleman,	Monroe, La.	Literary
Moore, John Richard,	Hammond, La.	Literary
Morrill, Jeremiah Thomas,	Slidell, La.	Scientific
Nunez, Nemours Henry, Jr.,	Arabi, La.	Literary
Simpson, Arthur Browne,	Arcadia, La.	Literary
Stewart, Daniel Webster, Jr.,	Minden, La.	Literary
Talbot, Edmond Earl,	Ruston, La.	Literary

### JUNIOR CLASS

Bond, Howard Tucker,	McDonoghville, La.	Scientific
Dantzier, Lorenzo Nolley, Jr.,	Gulfport, Miss.	Literary
Duffy, Morris James,	344 St. Joseph	Scientific
Edmonson, Edward Macon,	1206 Webster	Literary
Griffith, Randolph Chalker,	Dunnellan, Fla.	Scientific
Gschwind, Edward Robert,	6071 Laurel	Literary
Insinger, John Wm. Albert,	Greeley, Colo.	Scientific
Lemle, Louis George	3413 St. Charles	Literary
Lescale, Charles Maurice,	3514 Canal	Scientific
McCay, Percy Luzenberg,	1204 Race	Literary
Parkerson, William,	1527 Calhoun	Classical
Scharff, Adolph Kaufman,	New Iberia, La.	Literary
Scharff, Lester Daniel,	New Iberia, La.	Literary
Stewart, Thomas David,	2331 Chestnut	Scientific
Wiegand, Robert.	2014 Canal	Literary

### SOPHOMORE CLASS

Bayne, Robert Emmett,	Brinkley, Ark.	Literary
Bostick, Francis Xavier,	Amite, La.	Scientific

Carmouche, George Harold,	Napoleonville, La.	Scientific
Colbert, Richard Jr.,	1115 Henry Clay	Literary
Coleman, Ben Essig,	Homer, La.	Literary
Devron, Cyril Gustave,	139 N. Solomon	Scientific
Foote, John Randolph,	1421 Constantinople	Literary
Fox, Willoughby Beresford,	1302 State	Scientific
Gebelin, John Alvin,	Garyville, La.	Scientific
Gill, Euclid Borland,	2333 Camp	Scientific
Gordon, Robert Lionel,	5914 Hurst	Scientific
Gore, Jennie Abney,	Bayou Sara, La.	Scientific
Greaves, Percy Dupré,	Waterproof, La.	Literary
Griffith, John Lindsey,	Denver, Colo.	Literary
Hammett, William Bernard,	726 Broadway	Literary
Heidenheim, Milton,	7211 St. Charles	Literary
Hollins, Edwin Charles,	Crowley, La.	Literary
Howze, Herbert Hardy,	Malvern, Ark.	Literary
Koen, Urban Benigo,	9 Neron Place	Literary
Krause, Rudolph Edward,	Westlake, La.	Scientific
Lathrop, William Martin,	928 Broadway	Scientific
Lecompte, Morris Paul,	Houma, La.	Literary
Legendre, Armant,	5 Audubon Place	Literary
McClendon, Wm. Hutchinson, Jr.,	Amite, La.	Literary
McLellan, Charles Samuel,	Easonville, Ala.	Scientific
Monroe, James Hill,	1331 Philip	Literary
Newman, Harold Weil, Jr.	6007 St. Charles	Literary
O'Leary, Cornelius William,	586 Walnut	Literary
Renshaw, William Malcolm,	741 Esplanade	Literary
Romain, Coleman,	2013 Napoleon	Scientific
Schmidt, John Diether, Jr.,	1023 Leontine	Law-Acad
Setzler, George Byron,	Crossett, Ark.	Scientific
Sparling, Edward Earl,	Oklahoma City, Okla.	Scientific
Thomas, Clay Elliott,	Talisheek, La.	Scientific
Wakeman, Joseph Atkinson,	Alexandria, La.	Literary
Wakeman, Lewis Farrington,	2928 Berlin	Literary
Wallace, Henry Williams, Jr.,	Camden, Ala.	Literary
Watkins, Joseph Louis,	Houma, La.	Law-Acad.
Wulff, Fred August, Jr.,	237 S. Genois	Law-Acad.

## FRESHMAN CLASS

Alcus, Lewis Scherck,	4717 Baronne	Literary
Alcus, Samuel Theodore, Jr.,	5211 St Charles	Scientific
Babington, Charles,	1082 City Park	Literary

Baron, Joseph,	8238 Spruce	Law-Acad.
Bell, Wilton Orren,	Baskin, La.	Scientific
Blouin, Joseph Clarence,	Lafourche Crossing, La.,	Law-Acad
Born, John Westerfield	1838 Dublin	Scientific
Bourdette, Joseph Louis, Jr.,	740 Peters	Scientific
Bruchis, Abraham,	228 S. Rampart	Literary
Cameron, Alan Balfour,	Lake Charles, La.	Scientific
Cohen, Benjamin,	1706 Jackson	Law-Acad.
Colcock, William Ferguson,	3527 Carondelet	Scientific
Collier, John Thomas,	Houston, Tex.	Scientific
Corry, Joseph Dunklin,	1407 Bordeaux	Scientific
Crow, Archie Floyd,	Hesterville, Miss.	Literary
Cunningham, Geoffrey Everett,	England, Ark.	Scientific
Dart, Sally Lytle,	1904 Palmer	Scientific
Draughon, Donald Avery,	Baton Rouge, La.	Scientific
Dwyer, William Dalton,	St. Paul, Minn.	Scientific
Ellis, Robert Stephen, Jr.,	Amite, La.	Literary
Feibleman, Edward William,	1406 General Taylor	Scientific
Flower, Clarence Cottman,	5101 Pitt	Scientific
Floyd, Paul Herman,	Lake Charles, La.	Scientific
Foote, Tandy Quisenberry,	1421 Constantinople	Literary
Ford, Chester Joseph,	512 Walnut	Law-Acad.
Foster, Charles Shearer,	1424 Bordeaux	Scientific
Gessner, Leonard Edward,	119 Audubon Blvd.	Scientific
Grace, Edwin Huye,	7602 Hampson	Law-Acad.
Gutierrez, Jerome	St. Bernard, La.	Scientific
Haas, Douglas Marshall,	Bunkie, La.	Scientific
Hirigoyen, Jean Raymond,	Salado, Honduras	Literary
Hubert, Henry Edward,	3615 Melpomene	Scientific
Irwin, Leon, Jr.,	1305 S. Carrollton	Scientific
Kelly, George Francis,	Lake Charles, La	Scientific
Kerrigan, Thomas Fauvel,	Hammond, La.	Scientific
Laplace, Gesselly Joseph,	1473 Henry Clay	Law-Acad.
Leche, Richard Webster,	2511 Broadway	Law-Acad.
Levitan, Leon,	1200 Dryades	Literary
Levy, Louis Kaufman,	1631 State	Scientific
Lob, Louis Charles,	1650 Robert	Scientific
Loria, Frank Leo,	721 Octavia	Literary
McGraw, John, Jr.,	1328 Webster	Scientific
McLoughlin, James Frank,	7301 Hampson	Literary
Martinez, Diego Benigo,	610 Jackson	Scientific

Moore, Elbert Edmund,	Bogalusa, La.	Literary
Morse, James Johnston,	2812 State	Scientific
Newburger, Edwin Kirby,	1640 Palmer	Scientific
O'Reilly, Chester Stephen,	2610 Royal	Law-Acad.
O'Shee, David Stafford,	Alexandria, La.	Scientific
Perkins, Thomas Joseph, Jr.,	Red Fish, La.	Literary
Polmer, Samuel Cahlman,	Schriever, La.	Scientific
Rhodes, Grace Agnes,	Burtville, La	Literary
Rittenberg, Leon Hirsch,	5807 St. Charles	Literary
Romain, Victor,	2013 Napoleon	Scientific
Sevier, Victor Henry,	Ferriday, La.	Scientific
Simmons, Fisher Edward,	712 Broadway	Literary
Stewart, William,	2331 Chestnut	Scientific
Vories, Allen Leftwich, Jr.,	1459 Henry Clay	Scientific
Walter, Edward Fay,	Winnsboro, La.	Literary
Watkins, Hugh Moss,	Lake Charles, La.	Scientific
Wight, John Alfred,	Hugo, Okla.	Scientific
Winsberg, Herman,	Thibodaux, La.	Literary
Wright, Jim Tarwater,	Knoxville, Tenn.	Literary

## SPECIAL STUDENTS

Bailey, James Edwin,	Slidell, La.	Scientific
Baird, Mrs. Thomas Barton,	625 Pine	Literary
Bryson, Frederick Robertson,	1900 St. Charles	Literary
Cayard, Robert Charles,	1015 Chartres	Scientific
Ellis, Ezekiel Parke,	1929 Napoleon	Literary
Goldborg, Albin Jerdinaud,	Hopkins, Minn.	Scientific
Hiller, Melvin Errol,	1139 Carondelet	Scientific
Hopson, Horvel Harrison, Jr.,	Clarksdale, Miss.	Literary
Reichel, Leo Mordecai,	2118 Josephine	Literary
Spilman, Edwin Badgley.	Claude, Tex.	Scientific
Wisdom, Eliza,	1733 Calhoun	Literary

## PARTIAL STUDENTS

Abrego, Maud Stevanno,	Lake Charles, La.
Bear, Jacob Feibleman,	2912 Napoleon
Becker, Ernest Oscar,	1683 N. Claiborne
Boehm, Ruth Marion,	5342 St. Charles
Dale, Lois,	Texarkana, Ark.
Dawson, Flora Mary,	Westfield, N. Y.
Fuller, Harry,	Bernice, La.
Haines, Gyfford Knight,	2119 Coliseum

Hawkins, Zed Harold,	Pontchartrain Grove, La.
Irwin, Michael Matthew,	729 Second
Joschim, Emile Edward,	8506 Apricot
Kahn, Jake Lewis,	Pensacola, Fla.
Kraemer, John Christian, Jr.,	2522 Barracks
LeBeuf, Nelvil Louis,	2011 Calhoun
Moseley, Hal Walters,	1435 Nashville
Orr, Benjamin Palmer,	7307 St. Charles
Rodriguez, Antonio Muniz,	Anasco, P. R.
Scheuermann, Joseph Leonhard,	522 Fern
Shallenberger, Garvin Dennis,	2222 Upperline
Stern, Henry,	7447 Hampson
Swartzkopf, Louis Leroy,	5342 St. Charles
Wolff, Justin Vollmer,	1522 Aline

## PRE-MEDICAL STUDENTS

## SECOND YEAR

Burke, Francis Marion,	Carmona, Texas
Butler, Hull Wesley,	Kokoma, Ind.
McBride, William McGinty,	Ansley, La.
Warner, Clyde Moeur,	Del Rio, Texas
Whitaker, James Ezekiel,	New Hope, Ala.

## FIRST YEAR

Bailey, Emory Lawrence,	Malvern, Ark.
Battalora, Harold Joseph,	4650 Music
Bierhorst, Henry Rehm,	3116 St. Claude
Buchanan, Alexander Gordon,	3628 Chestnut
Campagna, Maurice,	2938 Grand Route St. John
Carter, Clarence Strouse,	Bunkie, La.
Cerda, Salvador, Jr.,	San Jose, Costa Rica
Cocchiara, Peter,	1900 Dumaine
Compton, James Ballance,	Meeker, La.
Davison, Emile Arthur,	824 Felicity
Gaudet, James Amedeé, Jr.,	2124 Palmer
Gentling, Gregory Philip,	Rochester, Minn.
Grant, Willie Leo,	Goose Creek, Texas
Hanus, Joseph Jacob, Jr.,	Ennis, Texas
Hèbert, Gaston Arthur, Jr.,	Hot Springs, Ark.
Henderson, Roy Earl,	Longview, Texas
Henderson, William Kirby,	Money, Miss.
Kern, John Ebert,	Varnville, S. C.

Landry, Odey Francis,  
Montelepre, Philip,  
Olinde, Dewey Joseph,  
Rabb, Robert Young,  
Randazzo, Matthew Joseph,  
Rosenthal, Irwin William,  
Salazar, (y Baldioceda) Mariano,  
Tinney, Stanley Gazzo,  
Werkheiser, Frank Earl,

Delcambre, La.  
2216 Franklin  
New Roads, La.  
Bainbridge, Ga.  
Donaldsonville, La.  
4026 St. Charles  
San José, Costa Rica  
Boutte, La.  
Deemer, Miss.

## COLLEGE OF TECHNOLOGY

### SENIOR CLASS

Arango, Miguel Ciriaco de,	Havana, Cuba	Chem. Eng.
Barron, Cedric Errol,	Alexandria, La.	Architecture
Dulany, Benjamin Joseph,	New Iberia, La.	Architecture
Ehrhart, Eugene Nicholas,	4001 Camp	Chem. Eng.
Finkelstein, Solomon,	1630 Carondelet	Civil Eng.
Gastrock, Edward Alvin,	3120 Magazine	Chem. Eng.
Graveley, Eugene Cenas,	1302 Marengo	Civil Eng.
Hammett, George Robert,	726 Broadway	M. & E. Eng.
Hirsch, James Clarence,	2749 Canal	M. & E. Eng.
Kelly, Errol Edward,	1200 Port	M. & E. Eng.
Ludwig, Edward Boland,	5249 Camp	Architecture
McLeod, Kenneth,	1905 State	Chem. Eng.
Maguire, Joseph Paul,	McDonoghville, La.	M. & E. Eng.
Mevers, Roy Eugene,	7912 Poplar	M. & E. Eng.
Ramirez, Alberto Jesus,	Manzanillo, Cuba	Architecture
Slovenko, Julius,	Shpola, Russia,	Civil Eng.
Todd, James Mulherrin,	7400 Pearl	M. & E. Eng.
Torre, Joseph Jean,	2257 Bayou Road	Chem. Eng.
Turner, Frank Albert,	Faulkton, S. D.	Civil Eng.
Ujffly, Leo Henry,	1311 Nashville	M. & E. Eng.
Vallon, Raoul James,	2037 Napoleon	M. & E. Eng.
Zibilich, Anthony Michael	520 Spain	Civil Eng.

### JUNIOR CLASS

Adam, Clotaire Lecomte,	R. No. 2, Station B.	Chem. Eng.
Alvarado, Enrique,	Port Limon, C. Rica	M. & E. Eng.
Barr, Coleman Leroy,	8007 St. Charles	M. & E. Eng.
Bynum, Edwin Augustine, Jr.,	Texas City, Texas	M. & E. Eng.
Craig, Robert Emmet 2nd.,	1138 Third	Civil Eng.
Faucheux, Lewis Joseph,	Waggaman, La	M. & E. Eng.
Favrot, Clifford Freret,	18 Richmond Place	Chem. Eng.
Frey, Herbert Anthony Peter,	3900 Dauphine	Chem. Eng.
Godat, David Walter,	2123 Cambronne	Civil Eng.
Griswold, Randolph Livingston	1424 Second	Civil Eng.
Hammett, Louis Nicholas,	726 Broadway	Architecture
Lanphier, Edward Conniff,	1430 Octavia	Chem. Eng.
Legeai, Randall Frank,	2511 Esplanade	M. & E. Eng.



Martin, Joseph Daniel, Jr.,	1916 Bienville	M. & E. Eng.
Rau, John Eblen,	5701 Pitt	Civil Eng.
Sonntag, Alexander Stephen,	827 Sixth	Chem. Eng.
Vallas, Miner Howard,	7224 Zimple	M. & E. Eng.
Walshe, George Campbell, Jr.,	1511 Dufossat	M. & E. Eng.
Whitehead, Edgar, Jr.,	1309 State	M. & E. Eng.
Zeller, Louis Westly,	7813 Pearl	M. & E. Eng.

## SOPHOMORE CLASS

Atkinson, Robert Lee, Jr.,	1812 Napoleon	Civil Eng.
Barnes, Walter Jewitt,	1654 Valmont	M. & E. Eng.
Brandon, George Shields,	2938 Palmyra	M. & E. Eng.
Calongne, Marcel Benoit,	923 N. Hagan	M. & E. Eng.
Cassagne, Alphonse Sylvain F.,	416 Millaudon	Civil Eng.
Dabezies, Clement Hypolite,	915 Dauphine	Civil Eng.
Ferguson, Beverly Peets,	3448 Chestnut	Civil Eng.
Hackett, James Bruton,	Gretna, La.	M. & E. Eng.
Joyner, Calvin Nicolas,	Lake Charles, La.	Civil Eng.
Kahn, Isadore Bernhard,	1737 Second	Architecture
Kastler, Arthur Ordway,	3125 Chestnut	Chem. Eng.
Kessler, Sam, Jr.,	Belle Rose, La.	Chem. Eng.
King, Jean Myriel,	Lake Charles, La.	M. & E. Eng.
Lothrop, Rex Elias,	1333 State	Chem. Eng.
Mercier, Walter Hynson,	1640 S. Carrollton	M. & E. Eng.
Moenck, Miguel Angel,	Las Palacios, Cuba	Architecture
Muller, Richard Frotscher,	2627 Coliseum	M. & E. Eng.
Nourse, Wynne Rogers,	7014 S. Charles	Civil Eng.
Parkerson, William,	1527 Calhoun	M. & E. Eng.
Pepperman, Jerome Orgler,	Lake Providence, La.,	M. & E. Eng.
Ruckstuhl, Charles Wiggins,	5924 Coliseum	M. & E. Eng.
Sharp, Roger Post,	2539 Napoleon	Architecture
Simon, George Manning,	St. Martinville, La.	Civil Eng.
Sinclair, James Louis,	1630 Napoleon	Chem. Eng.
Voorhies, Milton Anthony,	St. Martinville, La.	Chem. Eng.
Weston, John Roland,	Logtown, Miss.	Civil Eng.
Wright, Charles Lafayette, Jr.,	Timberton, La.	M. & E. Eng.
Wyler, Louis John,	530 Jackson	Civil Eng.

## FRESHMAN CLASS

Abrego, Maud Stevanno,	Lake Charles, La.	Architecture
Alvarado, Alfonso	Port Limon, Costa Rica,	Chem. Eng.
Bailey, Kenneth McGrath	Fordoche, La.,	Civil Eng.

Berea, Alexander, Jr.,	7529 St. Charles	Civil Eng.
Black, William Grant,	4204 St. Charles	M. & E. Eng.
Bloodworth, Sol, Jr.,	901 Burdette	M. & E. Eng.
Blum, George Richard,	Donaldsonville, La.	M. & E. Eng.
Broussard, Frank Paul,	Breaux Bridge, La.	M. & E. Eng.
Brunet, Robert Marcel,	2714 Canal	Civil Eng.
Buja, Louis Marcus,	1132 N. Gayoso	Civil Eng.
Carter, John Henry, Jr.,	1220 Pine	M. & E. Eng.
Cognevich, Dewey,	Nairn, La.	Civil Eng.
Cohen, Clarence Anthony,	5010 Freret	Chem. Eng.
Cooley, Henry Bell,	5526 Chestnut	Civil Eng.
Crawford, Carroll Stiles,	Gretna, La.	M. & E. Eng.
Daly, Lawrence,	Opelousas, La.	M. & E. Eng.
Dorries, Karl Robert,	Biloxi, Miss.	M. & E. Eng.
Dykers, John Reginald,	8320 Sycamore	Chem. Eng.
Ebaugh, John Lynn, Jr.,	5830 Pitt	M. & E. Eng.
Elizardi, Frank Pace,	2222 Dublin	M. & E. Eng.
Graham, David Rea, Jr.,	7025 Freret	Chem. Eng.
Gregory, William Bres,	630 Pine	M. & E. Eng.
Grentz, Leo Bertran,	McDonoghville, La.	M. & E. Eng.
Harper, Harold Ruse,	2017 Peters	Civil Eng.
Hotard, Albert Edward,	235 Lavergne	Civil Eng.
Hustedt, Harry Herbert,	6320 Story	M. & E. Eng.
Hymel, Joseph Rene. Jr.,	1129 Jackson	M. & E. Eng.
Kuntz, Warren Edwin,	1030 Arabella,	Chem. Eng.
Labbé, James Ceasaire,	Broussard, La.	M. & E. Eng.
Lea, Rufus Upton,	5320 Danneel	M. & E. Eng.
LeDoux, McLean Joseph,	1241 Harmony	M. & E. Eng.
Legeai, Harold George,	2511 Esplanade	Chem. Eng.
Lewis, George Richard Wm.,	3027 Esplanade	M. & E. Eng.
Livaudais, Marcel,	7903 Elm	Civil Eng.
Lynch, Charles Byrne,	1431 Tulane	M. & E. Eng.
McCollough, John Lane,	Ceiba, Spanish Hond.	M. & E. Eng.
McKenzie, Malcolm McNeal,	Lake Charles, La.	M. & E. Eng.
Marx, Isadore,	Bogalusa, La.	Civil Eng.
Middleton, John Morris,	2115 State	M. & E. Eng.
Moynahan, Roy Dewey Bernard,	Detroit, Mich.	M. & E. Eng.
Naquin, Arthur Joseph, Jr.,	Alexandria, La.	M. & E. Eng.
Nungesser, Fredk. Jacob Kuhn,	529 Jackson	Chem. Eng.
Orr, Garland Alexander,	7307 St. Charles	M. & E. Eng.
Parkhouse, Edward Demarest,	1444 Calhoun	M. & E. Eng.

Prescott, Coulter Ball,	4933 Chestnut	M. & E. Eng.
Rainold, Frank Edward,	1839 Calhoun	Civil Eng.
Rainold, Harry Buddig,	Pass Christian, Miss.	Civil Eng.
Richardson, John Benjamin,	1212 Seventh	M. & E. Eng.
Richardson, Lewis Johnson,	1212 Seventh	Chem. Eng.
Rodriguez, Henry Edward,	1300 Mandeville	Civil Eng.
Rosen, Louis Leucht,	12 Rosa Park	M. & E. Eng.
Schwartz, Simon Bernard,	1807 Upperline	Civil Eng.
Singer, Benjamin,	1821 Terpsichore	Chem. Eng.
Spaar, William Hobson,	3313 Palmyra	Civil Eng.
Vennard, Wickliffe Black,	836 Cherokee	M. & E. Eng.
Voss, Helmuth Carlyle,	7800 Jeanette	Civil Eng.
Williams, Eugene Bernard,	830 Audubon	Civil Eng.
Willoz, Armand Louis,	1221 N. Tonti	Civil Eng.
Wolff, Justin Vollmer,	1522 Aline	Civil Eng.

## SPECIAL STUDENTS

Gazin, Rhea Marguerite	7003 F't'nbleau Drive	Architecture
Ginsberg, Harry,	5341 St. Charles	Architecture
Maddox, James Hamilton,	Perthshire, Miss.	Architecture
Torre, Louis Jean,	2257 Bayou Road	Chem. Eng.

## H. SOPHIE NEWCOMB MEMORIAL COLLEGE

A—Course in Art.    C—College.    E—Course in Education.  
M—Course in Music.    \* —Partial Course.

### SENIOR CLASS

Aschaffenburg, Coralie Schaefer,	C.	4900 St. Charles
Baccich, Eunice,	A.	3737 Gentilly
Bancroft, Emma Claire,	A.	2423 Berlin
Belden, Lyda Livermore, B. A.*	C.	1122 First
Blakely, Dorothy Leota,	A.	1215 Washington
Caffery, Katherine,	C.	1228 Race
Celestin, Dewey Susie,	C.	Houma, La.
Chalaron, Magda,	C.	1509 Pine
Colbert, Nell Williams,	E.	1115 Henry Clay
Covington, Francis Marion,	E.	Summit, Miss.
Danziger, Miriam Martha,	A.	6120 Saratoga
Delchamps, Miriam Regina,	C.	Mobile, Ala.
Denis, Ida Ruth, B. A.*	C.	1315 Jackson
Discon, Mercedes Clothilde,	C.	2467 Royal
deOrnellas, Virginia Amelia,	C.	Mobile, Ala.
Dreyfus, Yvonne,	C.	1834 Upperline
Ellis, Marguerite Butler,	C.	1222 Third
Fry, Gladys Moxey, B. M.*	M.	908 Fern
Garland, Rietta Glassel, B. A.*	C.	1639 Arabella
Gauche, Vivien, B. A.*	C.	4802 St. Charles
Glenny, Edith, B. A.*	C.	1435 Webster
Hafkesbring, Hazel Roberta,	C.	318 Seguin
Havard, Katharine, B. A.*	C.	25 Audubon
Heller, Ruth,	C.	1828 Marengo
Hester, Harrison Palmer,	A.	1524 Fourth
Hill, Amelia Jean, B. A. Ed.*	E.	4401 Carondelet
Howell, Harriett,	C.	Gulfport, Miss.
Joachim, Isabelle Walburga,	E.	636 Second
Jungle, Ida,	C.	2506 Bienville
Kahn, Rose,	C.	1737 Second
Lamberton, Genevieve Isabel,	C.	1221 Seventh
Landon, Alice Reeves,	C.	Indianapolis, Ind.
Langham, Emily,	A.	Houston, Tex.

Langhetee, Jeanne Agnes,	C.	3238 Grand Route St. John
Levy, Amelia,	E.	Slidell, La.
Lombard, Lucile Marie,	C.	574 Walnut
Lund, Viola Frances,	E.	1415 Harmony
Nairne, Mathilde Amelia,	C.	1219 Valence
Parham, Mildred, Diploma in Art,*	C.	1429 Seventh
Parker, Mary Virginia,	E.	2303 Prytania
Parsons, Anna Mary Carolyn, B.A. Ed.,*	E.	1430 Henry Clay
Peret, Marcelle Martinet,	C.	1837 Bienville
Rightor, Alice Athenia,	C.	7428 McCarthy
Robert, Emeline Marie,	A.	3234 Ursuline
Rocquet, Corinne Marie,	C.	1260 Esplanade
Ross, Yvonne Holly,	C.	2105 Berlin
Rugan, Gethyn Ball,	C. & E.	2715 St. Charles
Sessums, Charlotte Galleher,	M.	2919 St. Charles
Settoon, Nathalie LeBeuf,	C.	1526 Washington
Sharp, Margaret Herndon,	E.	7325 St. Charles
Shropshire, Emma Marion,	C.	2223 Banks
Snyder, Edyth Mildred, B.A.*	C.	1597 Exposition Blvd.
Socola, Bianca,	E.	1331 Dumaine
Thompson, Susan Dorothy,*	C.	1812 Calhoun
Urban, Lylian Badger, B.A.*	E.	3541 Carondelet
Vairin, Aphra, B.A.*	M.	19 Audubon Place
Walmsley, Lucinda Goodall, B.A.*	C.	1313 First
Weeks, Margaret,	C.	New Iberia, La.
Weil, Hermione, B.A.*	C.	18 Audubon Place
Wheless, Myrtis Lea	E.	1729 Gen. Taylor
Wogan, Cecile Marie,	C.	1739 Marengo
Wood, Frankie Eliza,	C.	2139 Elysian Field

## JUNIOR CLASS

Ayres, Katherine Stuart,	C.	Knoxville, Tenn.
Bate, Eunice Lea,	A.	7901 Poplar
Beattie, Margaret Hayne,	A.	Greenville, S. C.
Black, Ida Lise,	C.	1329 Octavia
Blank, Hilda,	A.	7519 Hampson
Bostick, Ruth Marguerite,	C.	5344 Coliseum
Bradford, Andrina Effie Grace,*	M.	731 Howard
Brown, Gladys Sadie,	M.	Mobile, Ala.
Clark, Myrtle Evelyn,	C.	Natchez, Miss.
Cohn, Fannie,	C.	4706 St. Charles
Cotonio, Inez Marie,	E.	2309 Palmer

Cotonio, Margherita Judicia,	C.	2309 Palmer
Cottman, Estelle Virginia,*	E.	1022 Washington
Dietze, Charlotte Amy,	C.	5524 Prytania
Dreyfous, Caroline Helen,	C.	1140 Jackson
Dreyfus, Berenice,	C.	1834 Upperline
Drumm, Dorothy Katherine,	C.	Gretna, La.
Duval, Leonora Bisland,	E.	Houma, La.
Ellis, Julia,	E.	Rayville, La.
Fisher, Elizabeth Victoria,	C.	2711 Calhoun
Friedrichs, Helene Oehmichen,	E.	220 S. Pierce
Fulham, Ruth Drew,	E.	2128 Berlin
Gill, Olyve Bryant,	C.	2333 Camp
Gladden, LaReine Hill,*	E.	6027 Pitt
Grevemberg, Helen Josephine,	C.	8514 Sycamore
Guthrie, Agnes Marsh,	E.	Natchez, Miss.
Hagen, Dorothea Marceline,	A.	Covington, La.
Israel, Ruth Caroline,*	E.	5316 Dryades
Katz, Adaline Jerrie,	C.	700 Broadway
Kessler, Lillian Louise,	C.	7223 St. Charles
Koch, Anna Frotscher,	C.	2627 Coliseum
Lob, Ethel Louise,	C.	1650 Robert
Lund, Georgejean,	C.	1415 Harmony
Mackenzie, Helen,	E.	Thibodeaux, La.
Magruder, Evangeline,	A.	1230 Louisiana
McArdle, Golda Mary,*	M.	8123 Green
McPetridge, Katherine Louise,	C.	4810 St. Charles
McLellan, Anna,	C.	2108 Napoleon
McLeod, Margaret Inglis,	M.	1905 State
Meyer, Ruth Charlotte,	C.	1224 Constantinople
Moore, Evelyn Lowry,	E.	1523 Terpsichore
Morgan, Calista Airey,	E.	1520 Felicity
Naff, Merrimac,	E.	Bastrop, La.
Newburger, Mina Esther,	C.	1640 Palmer
Odenheimer, Marian Helen,	C.	5225 St. Charles
O'Kelley, Lucile,	C.	1701 Marengo
O'Shee, Julia Anna,	E.	Alexandria, La.
Parkerson, Alice Stirling,	E.	1527 Calhoun
Parks, Martha Manier,	E.	Memphis, Tenn.
Pigott, Evelyn,	C.	3706 Prytania
Reboul, Ruth Harvey,	E.	2106 Chartres
Richardson, Annie Lucile	C.	Grand Cane, La.

Roussel, Marguerite Amelie,	E.	Patterson, La.
Saunders, Caryetta,	C.	2925 Coliseum
Savell, Dolly Anna,	E.	2429 Gen. Taylor
Schuler, Alma Catherine,	M.	6028 Pitt
Seago, Mary Mallard,	C.	1917 Berlin
Sexton, Frances,	M.	Hazlehurst, Miss.
Shields, Cora Isabel,	C.	421 Vallette
Voss, Thelma Gladys,	C.	Bogalusa, La.
Waldo, Ivy Elliott,	C.	5217 Perrier
Wall, Emma Elizabeth,	C.	24 Audubon
Wallace, Saresta Lucie,	E.	Woodville, Miss.
Wallis, Juanita Angele,	C.	Houma, La.
Warriner, Mary Mercer,	A.	1525 Short
Weeks, Mildred,	C.	New Iberia, La.
Wharton, Helen Coyle,	A.	1329 St. Andrew
White, Ellene Tobin,	C.	1631 Esplanade
Zigler, Ann Elizabeth,	C.	4619 Perrier

## SOPHOMORE CLASS

Abaunza, Consuelo Dorothy,	C.	7003 St. Charles
Alker, Virginia Louise,	C.	1635 State
Arrington, Maude Venables,	C.	Trenton, Ky.
Barrett, Imogene,	C.	705 Pelican
Becker, Lydia,	C.	2309 Chippewa
Becnel, Dorothy Amelie,	C.	1510 Arabella
Belden, Belle Adele	A.	1122 First
Bohnstorff, Alfrieda Augusta,	E.	8141 Oak
Bonvillain, Marie Virginia,	C.	Houma, La.
Bradford, Martha Helena Frances,	M.	731 Howard
Brown, Marion,	C.	1020 Robert
Burkenroad, Edna Fannie,	C.	7733 St. Charles
Caffery, Bethia,	E.	1228 Race
Cage, Rosa Bayless,	M.	Riverside, Cal.
Campbell, Lula Mae,	E.	Morgan City, La.
Chalaron, Corinne Marie,	A.	1509 Pine
Chase, Zou Pearl,	E.	Alexandria, La.
Chopin, Julia Josephine,	A.	Derry, La.
Comeaux, Jeanne,	E.	Youngsville, La.
Cook, Kathleen,	E.	Grand Cane, La.
Cothran, Adelaide Gammon,	E.	2705 Prytania
Cummings, Amy Emerson,	C.	Henderson, Ky.
Curran, Mildred,	C.	7319 Hampson

DeBuys, Elise Lagan,*	E.	1907 Berlin
de la Cruz, Ruth Pauline,	E.	McDonoghville, La.
DeLuca, Jennie Rose,	E.	2830 DeSoto
deMilt, Irma Louise,	C.	Biloxi, Miss.
Diboll, Frances Louise,	M.	941 Eleonore
Douglas, Dorothy,	C.	1205 N. Lopez
Ellis, Martina Hamilton,	E.	Amite, La.
Ellsworth, Olive Erminie.	M.	McComb, Miss.
Fell, Marjorie Mercer,	A.	4528 Prytania
Fenner, Martha Elizabeth,	E.	2511 St. Charles
Ferrata, Elena Marie,*	E.	2705 Chestnut
Flower, Clara Hope,	E.	Alexandria, La.
Fortier, Mina Estelle	E.	San Antonio, Tex.
Gardiner, Gussie Thelma,	E.	Gueydan, La.
Gatz, Irene,*	E.	2027 Coliseum
Gay, Corinne,*	E.	Selma, Ala.
Gillespe, Sallie,	A.	Fort Worth, Tex.
Graner, Dorothy Rainold,	E.	1633 First
Gregory, Elizabeth,	C.	630 Pine
Grossman, Odette,*	M.	1518 Fourth
Gueydan, Jeanne,	E.	Gueydan, La.
Harrison, Emily Bondurant,	E.	Birmingham, Ala.
Hay, Dorothy Alice,	C.	6035 Prytania
James, Aza Mercer,*	E.	Boyce, La.
Jett, Ellen DeSaussure,	A.	Collierville, Tenn.
Johnson, Emma Lucille,	E.	DeQuincy, La.
Kastler, Ruth Ordway,	C.	3125 Chestnut
Kearny, Laura Buckner,	C.	1572 Henry Clay
Kemper, Delaware,*	E.	Franklin, La.
Kent, Esther,	C.	Kentwood, La.
Kerlin, Christine,	E.	Homer, La.
Kling, Muriel Adelaide,	M.	New Iberia, La.
Learned, Elizabeth Yerger,	E.	Natchez, Miss.
Lenoir, Vida Lamkin,	E.	McComb, Miss.
Levi, Irma Gladys,	C.	8223 Panola
Levy, Alice Julia,*	A.	Beaumont, Tex.
Lindenfield, Bertha,	C.	Lexington, Tenn.
Luzenberg, Katharine Hardy,	C.	1230 State
Lyman, Isabel McCown,	C.	1233 Fern
Mayer, Tess Barbara,	C.	5234 Pitt
McConnell, Margaret Neilson,	C.	1586 Calhoun



Melville, Helen,	E.	1101 Berlin
Morgan, Fay,*	E.	Knoxville, Tenn.
Morse, Jessie Barclay,	C.	6037 Perrier
Moses, Marie Theard,*	C.	1929 Esplanade
Neilson, Viola Lee,	E.	1923 Richmond Place
North, Marion,	E.	Lake Charles, La.
O'Donnell, Ellen Florence,	E.	336 Bellville
Parkhouse, Edith Demarest,	C.	1444 Calhoun
Perkins, Georgie May,	E.	Norwood, La.
Perkins, Ophelia Hardesty,	M.	Red Fish, La.
Peters, Olga Veronica,	A.	2309 Carondelet
Randolph, Nan Conner,	E.	Bayou Goula, La.
Renaud, Mary Bell,	E.	6445 St. Charles
Reynolds, Luda Elizabeth,	C.	Arcadia, La.
Richard, Bert Elise,	E.	Melville, La.
Rightor, Lelia Marguerite,	C.	7428 Macarty
Roane, Jessie Bryce,	A.	2231 Marengo
Rock, Marion,	C.	Lake Charles, La.
Sanders, Winnie Davis,	M.	Troy, Ala.
Sandoz, Hilda Marie,	E.	Opelousas, La.
Scherck, Fannie Vera,	C.	5215 Perrier
Schmidt, Aurelia Marie,	E.	1316 Harmony
Scooler, Irma Sarah,	E.	4900 St. Charles
Seago, Dorothy Wilson,	C.	1917 Berlin
Sexton, Dana,	M.	Hazlehurst, Miss.
Seymour, Isabel Doane,	E.	1919 State
Sharp, Stephanie Verna,	E.	2539 Napoleon
Smith, Daisy Belle,	E.	Franklin, La.
Stillwell, Matilda Hall,	E.	Selma, Ala.
Stouse, Mabel Marie,	C.	382 Broadway
Sugarman, Sally Salinger,	E.	2010 Palmer
Supple, Catherine Rosa,	E.	Bayou Goula, La.
Taylor, Ruth Georgianna,*	E.	Tyro, Kan.
Thalheim, Ruth Sophie,	E.	Gretna, La.
Thrall, Bernice Marie,	A.	Lake Charles, La.
Unruh, Irma Amelia,	E.	Mobile, Ala.
Vairin, Martha Bruce,	E.	19 Audubon Place
VanHorn, Marie Louise,	C.	1209 Lowerline
Wallace, Mary Octaire,	E.	Cinclare, La.
Watson, Helen,	E.	Biloxi, Miss.
Wetzel, Lula Davis,	E.	Monroe, La.

Wile, Isabel,	E.	Shreveport, La.
Wilkins, Virginia Averyl,	E.	Jennings, La.
Wilson, Eleanor Genevieve,	C.	1457 Calhoun
Wilson, Kate Lucinda,	E.	Morning Sun, Iowa
Withers, Louise Fontaine,	C.	Greensboro, Ala.
Woodville, Wilhelmina Bleker,	C.	1112 State
Young, Blanche LeSassier,	E.	Goldman, La.
Zoeller, Adelaide Mary,	C.	1519 Calhoun

## FRESHMAN CLASS

Aaron, Josephine Belmont,	A.	Detroit, Mich.
Abrams, Hortense,*	C.	1833 Berlin
Adamson, Eleanor Hunt,	E.	Hammond, La.
Adler, Helen Coleman,	E.	2113 St. Charles
Alford, Louise,*	E.	McComb, Miss.
Allen, Ava Enna,*	E.	Henderson, Tenn.
Andrews, Louis Elizabeth,	E.	1628 Felicity
Armstrong, Hattie Mae,	E.	237 Bermuda
Baccich, Anna Eulalia,	E.	3737 Gentilly Terrace
Barkdull, Phyllis,	E.	3027 DeSoto
Baumgartner, Lucile Taylor,	C.	1131 Delachaise
Bein, Emily Margaret,	A.	510 Lowerline
Bouden, Mabel Sandford,	E.	7004 St. Charles
Bourdette, Freda,	C.	740 Peters Ave.
Bourgeois, Camille Jackson,	E.	Baton Rouge, La.
Brady, Ione Edwina,	C.	Octavia Apts.
Brian, Lucia Leck,	C.	3607 Chestnut
Brock, Annis Lorraine,	E.	Tallapoosa, Ga.
Brown, Mildred,	C.	7928 Oak
Burgas, Beate,	E.	2015 Robert
Burke, Georgie Favre,	M.	8219 Neron
Butler, Harriet Mathews,	E.	Baines, La.
Bynun, Amelia Sophia,	E.	Monroe, La.
Charbonnet, Berthe Odile,	E.	1608 Esplanade
Chase, Fannie George,	E.	Alexandria, La.
Chauvin, Mabel Josephine,	C.	Ellendale, La.
Clancy, Gladys Julia,	E.	Kenner, La.
Clark, Marie Thompson,*	M.	Natchez, Miss.
Cohen, Myra Ettelson,	C.	Mobile, Ala.
Cohen, Rebekah,	E.	Coahoma, Miss.
Cooper, Ursula Cary,	C.	2302 Octavia
Crusel, Laura Lucile,*	A.	1637 Constantinople

Dameron, Alice Ivy,	E.	1820 State
Daniel, Frances,	C.	Columbus. Ga.
Davenport, Gladys Louise,	C.	546 Esplanade
Davis, Sarah,	C.	319 Seguin
Davis, Virginia Marie,	E.	Ansley, La.
DePass, Mabel Batte,	C.	7901 Oak
deReyna, Yvonne,*	C.	1224 N. Claiborne
Dinwiddie, Emily Bledsoe,	E.	1467 Arabella
Dobbs, Annie Hahr,	A.	Marietta, Ga.
Dodge, Nellie Burbank,	C.	3102 St. Charles
Ehlers, Helena Mary,	E.	130 Lavergne
Erwin, Goldie Estelle,	E.	Oakdale, La.
Faulk, Louise Elizabeth,	E.	Monroe, La.
Fernandez, Yvonne Gabrielle,	C.	1021 N. Derbigny
Fischer, Grace,	C.	2711 Calhoun
Fisher, Muriel LeRoy,	E.	816 Pine
Frawley, May Rita,	E.	4136 Cleveland
Frey, Beatrice Rhea,	C.	1562 N. Broad
Fuerst, Miriam Mendes,	C.	2115 Peters Ave.
Gihon, Katharine Evadne,*	C.	Philadelphia, Pa.
Glynn, Winifred Wilson,	E.	Glynn, La.
Goodman, Frieda Fanny,	C.	1636 Peniston
Grant, Emma Nathalie,	A.	2112 Berlin
Guillot, Mildred,*	M.	Napoleonville, La.
Hart, Rosa Lucille,	C.	Lake Charles, La.
Hatch. Carrie Elizabeth,	E.	Buckner, La.
Hatch. Mary Mhoon,	E.	Buckner, La.
Henriques, Dorothy Margaret,	E.	4926 Magazine
Herbert, Mary Alice,	E.	1637 Eighth
Hess, Alice M.,	E.	1220 Short
Hopkins, Corinne Marie,	E.	730 Esplanade
Isaacs, Sarah Oesterman,	C.	1692 Robert
Jackson, Carrie Flournoy,	E.	Doyline, La.
Joffrion, Eva-Lou,	E.	Lecompte, La.
Johnston, Christine Love,	E.	722 Lowerline
Jones, Florette,	E.	Lutcher, La.
Kahn, Sadie Ethel,	E.	Rayne, La.
Kansas, Adele Ida,	A.	7418 Maple
Kemp, Yvonne Lewise,	E.	1409 State
Kirkwood, Julia Allie,	E.	137 S. Scott
Koch, Emilie Frotscher,	E.	2627 Coliseum

Lampert, Hazel Irene,	E.	1412 Milan
Lampert, Helen Katharine,	C.	1412 Milan
Lathrop, Berthe Martin,	E.	928 Broadway
Lawler, Ruth Curry,	M.	Bryan, Tex.
Levy, Ida Emily,	E.	Franklin, La.
Levy, Lillian,*	E.	1700 Robert
Lindsey, Clothilde Staples,	C.	Gulfport, Miss.
Luehrmann, Hazel Adele,	E.	1731 Valence
Luria, Marguerite Eloise,	M.	1305 Broadway
Machauer, Hortense Rosa,	A.	118 Park Row
Magruder, Bessie Wailes,	E.	Woodville, Miss.
Maher, Katherine French,	C.	8229 Spruce
Marshall, Horace Miller,	C.	Vicksburg, Miss.
Marshall, Margaret Laura,	E.	1803 Howard
Martyn, Ruth Auguste,	C.	1103 State
Matthew, Emma Bieber,	E.	1106 Peniston
McCay, Anna Conner,	E.	1204 Race
McIlhenny, Rosemary,	A.	Avery, Island, La.
Meek, Evelyn,	M.	Kosciusko, Miss.
Moody, Velna Monroe,	E.	1315 Louisiana
Moore, Sidney Elder,	E.	1424 Philip
Ochs, Hermina Minnette,	E.	7900 Jeannette
O'Connor, Camille Jeanne,	E.	3804 St. Charles
Orr, Dorothy,	E.	1318 Nashville
Parham, Mary Lister,	E.	1429 Seventh
Pepperman, Camille Freida,	E.	Lake Providence, La.
Peters, Florence,	E.	Winnfield, La.
Pierpont, Nellie Flower,	C.	2020 Amelia
Pool, Pearl Cecelia,	A.	7903 Zimple
Porch, Elizabeth Ethel,*	E.	1227 Webster
Prichard, Kate Doniphan,	E.	Harrisonburg, La.
Provosty, Jeanne LeDoux,	E.	New Roads, La.
Randolph, Lelia Peirce,*	E.	1817 Calhoun
Reaney, Georgiana,	C.	U. S. Immigration Station
Renaud, Lucy Webb,	E.	6145 St. Charles
Rexach, Adele Marie,	E.	Bay St. Louis, Miss.
Roberts, Kathleen Elizabeth,	E.	Alexandria, La.
Roberts, Lyda Broad,	C.	4011 Carondelet
Rock, Betty,	C.	Lake Charles, La.
Roquet, Marietta Louise,	C.	1260 Esplanade
St. Paul, Helene Louise,	E.	1240 N. Johnson

Shumake, Clara Dee,	E.	Pineville, La.
Simmons, Wilma Inez,	E.	Marrero, La.
Sitman, Louise Ethel,	E.	Burtville, La.
Slack, Caroline Louise,	C.	Alexandria, La.
Slack, Cecilia Benjamin,	E.	Alexandria, La.
Smith, Minna Watson,*	E.	Hillhouse, Miss.
Snell, Marcia Louise,	C.	8238 Sycamore
Snoddy, Mary Josephine,	E.	Gueydan, La.
Stewart, Minnie Louise,	C.	Lake Charles, La.
Stratton, Flora Henry,	E.	1520 Soniat
Texada, Margaret Ker,	E.	Boyce, La.
Thompson, Bert,	C.	Boyce, La.
Threefoot, Yetta Carleen,	E.	Meridian, Miss.
Townsend, Margaret Faye,	E.	St. Marys, Ga.
Troy, Nina Webb,	E.	Greensboro, N. C.
Vick, Doris Nancy,	C.	6018 Hurst
Ware, Florence Hilda,	C.	6053 Laurel
Weil, Estelle Alice,	C.	Corpus Christi, Tex.
Wetzel, Lamy,*	A.	Monroe, La.
Withan, Elsie Margaret,	E.	Diamond P. O., La.
Wooster, Margaret,	E.	Centreville, La.
Zenor, Stella,	E.	Calumet, P. O., La.
Zuber, Willie,	C.	Auburn, Ala.

## GRADUATE ART

Augustin, Esther,	8139 Birch
Bartlett, Gladys,	2805 Carondelet
Bultmann, Ruth,	1137 Peters
Craig, Fanny Hampton,	1138 Third
Favrot, Carmen Freret	18 Richmond Place
Fowler, Dorothy Lee	1419 Henry Clay
Hecht, Lynne Watkins,	1211 Calhoun
Huck, Margaret,	1636 St. Mary
Pattison, Elizabeth Kemp,	470 Pine
Williams, Lois MacGovock,	1726 Carrollton

## SPECIAL STUDENTS

Breazeale, Katherine Henry,	C.	Natchitouches, La.
Brousseau, Mary Lee White,	M.	1413 Peters Ave.
Carey, Rose E.,	E.	Cleveland, Ohio
Fischer, Agatha Lahmen,	A.	Lafitte, P. O., La.
Goddard, Jane	E.	Freeport, Ill.
Grace, Mary Henrietta,	C.	7602 Hampson

Grace, Virginia Elizabeth,	C.	7602 Hampson
Hargis, Etta Marie	E.	2613 Napoleon
Krebs, Katharine Sheridan	E.	1541 Seventh
Lea, Anne Campbell,	C.	3430 Coliseum
Massa, Edna Marie,	M.	4434 Magnolia
McEnery, Evelyn,	E.	• 1233 St. Mary
Park, Vega,	M.	2031 Baronne
Pelton, Lois Katheriue	E.	349 Audubon
Tiblier, Octaive M.	E.	1519 Joseph

## ART CRAFTSMEN

Bailey, Henrietta Davidson,	3315 DeSoto
Burke, Alma Mason,	1021 Nashville
Delavigne, Marie,	2309 Columbus
Holt, Sally Shepherd,	1434 Pleasant
Irvine, Sadie Agnes Estelle,	1218 Valmont
King, Nina Ansley,	1749 Coliseum
Levy, Miriam Flora,	Franklin, La.
Littlejohn, Cynthia Pugh,	1221 Leontine
Mauras, Juanita Marie,	4319 S. Johnson
Simpson, Anna Frances,	1424 Amelia

## FACULTY OF GRADUATE STUDIES

Allison, Andrew, B. S., M. A. ( <i>Tulane Univ.</i> ) Psychology, Education	<i>Kiangyin, China</i>
Beard, Hazel Herbert, B. A. ( <i>Tulane Univ.</i> ) Psychology, Philosophy, History	<i>Savannah, Ga.</i>
Becker, Ernest Oscar, B. A. ( <i>Tulane Univ.</i> ) German, Spanish	1683 <i>N. Claiborne</i>
Cabral, Harry René, B. A. ( <i>Tulane Univ.</i> ) French, Spanish	714 <i>Frenchmen</i>
Chamberlain, Izanna Leland, French	<i>Des Moines, Ia.</i>
Dawson, Flora Mary, B. A. ( <i>Univ. of Nebraska</i> ) French, Spanish	<i>Westfield, N. Y.</i>
Frantz, Louis Theodore, B. E. ( <i>Tulane Univ.</i> ) Electrical Engineering	7816 <i>Jeannette</i>
Frye, Beatrice, B. A. ( <i>Tulane Univ.</i> ) History, English	5232 <i>Coliseum</i>
Haines, Gyfford Knight, B. A. ( <i>Tulane Univ.</i> ) History, Economics	2119 <i>Coliseum</i>
Kendall, John Smith, B. A. ( <i>Tulane Univ.</i> ) History, Spanish, Philosophy	508 <i>Millaudon</i>
Land, John Samuel, B. A. ( <i>Presby. Col. of S. C.</i> ) B. D. ( <i>Columbia Theol. Sem.</i> ) English, Philosophy	5519 <i>Prytania</i>
Lund, Mary Isabel, B. A. ( <i>Tulane Univ.</i> ) Latin, English	1415 <i>Harmony</i>
Many, Anna Estelle, B. A., M. A. ( <i>Tulane Univ.</i> ) Philosophy	1325 <i>Henry Clay</i>
O'Meara, Katherine Carr, B. A. ( <i>Tulane Univ.</i> ) English, German	802 <i>State</i>
Pfaff, Caroline Sydonie, B. A. ( <i>Tulane Univ.</i> ) German, English	4868 <i>Constance</i>
Raymond, Mary, B. A. ( <i>Tulane Univ.</i> ) Bacteriology, Pathology	1324 <i>Nashville</i>
Richardson, Lillie, B. A. ( <i>Tulane Univ.</i> ) History, English	1729 <i>Coliseum</i>
Shallenberger, Garvin Dennis, B. S. ( <i>Okla. A. &amp; M. College</i> ) B. S. ( <i>Tulane Univ.</i> ) Chemistry, Physics, Mathematics	2220 <i>Upperline</i>
Sumner, Mary Clayton, B. A. ( <i>Tulane Univ.</i> ) Psychology	1427 <i>Delachaise</i>
Sumner, Theodora Duval, B. A. ( <i>Tulane Univ.</i> ) English, French	1427 <i>Delachaise</i>
Veters, Anna Judge, B. A., M. A. ( <i>Tulane Univ.</i> ) English	2007 <i>Peniston</i>
Voss, Albert Luther, B. A., M. A. ( <i>Tulane Univ.</i> ) German	819 <i>First</i>
Westfeldt, Lulie, B. A. ( <i>Tulane Univ.</i> ) Economics, Philosophy	1626 <i>Seventh</i>

## COLLEGE OF LAW

### THREE YEAR COURSE

#### THIRD YEAR

Allain, Alexander Stevenson,	6214 St. Charles Ave.
Atkinson, Eva Lilian, A. B., Hunter College, 1914.	New York City
Baer, Jacob Feibelman,	2912 Napoleon Ave.
Dreyfous, George Abel, A. B., Tulane University, 1914; LL. B., Harvard University, 1917.	1140 Jackson Ave.
Ginsberg, George Joel,	Alexandria, La.
Heller, Isaac Scherck, A. B., Tulane University, 1914; LL. B., Harvard University, 1917.	1828 Marengo
†Jones, William Walter,	DeRidder, La.
Miller, Philip Augustin,	1002 Jackson Ave.
Morris, Edgar Taylor, A. B., Tulane University, 1916.	8011 Jeannette
Pyburn, Aubrey Mackay, A. B., Vanderbilt, 1914.	Dodson, La.
Saunders, Eugene Davis	2925 Coliseum
Simon, James Dudley, Jr.,	St. Martinsville, La.
Trufant, Samuel Adams, Jr.,	1241 Philip
Waldo, Rudolph Henry,	514 Broadway
Weil, Herbert Schwartz A. B., Tulane University, 1916.	5117 Prytania

#### SECOND YEAR

Frank, Maurice,	Lake Charles, La.
Gondran, Gustav Adolph,	Donaldsonville, La.
Hava, Henry Chavigny,	1434 Constance
Perkins, Robert Logan, A. B., Tulane University, 1917.	2702 St. Charles Ave.
Rosengarten, Joseph,	1623 Dryades

#### FIRST YEAR

Baccich, George Michael,	3737 Gentilly Blvd.
†Boehm, Ruth Marion, A. B., Hunter College, 1917.	5342 St. Charles Ave.
Carroll, Walter,	1219 First
Dale, Lois,	Texarkana, Ark.
Elliott, Charles. A. B. Tulane University, 1916.	Amite, La.
Fuller, Harry,	Bernice, La.

†Withdrawn.



Hawkins, Zed,	Pontchartrain Grove, La.
Irwin, Michael Mathews,	729 Second
B. S., St. Stanislaus College, 1916.	
Joachim, Emile Edward,	8506 Apricot
Kohlmann, Leon Lazarus,	1544 State
Kraemer, John Christian, Jr.,	2522 Barracks
LeBeuf, Nelvil Louis,	2011 Calhoun
Leche, Richard Webster,	2511 Broadway
LeCompte, Morris Paul	Houma, La.,
Marx, Edwin Feibleman,	Monroe, La.
O'Reilly, Chester Stephen,	2610 Royal
Schmidt, John Diether, Jr.,	1023 Leontine
Stewart, Daniel Webster, Jr.,	Minden, La.
Talbot, Edmond Earl,	Ruston, La.
Wolff, Justin Vollmer,	1522 Aline
Watkins, Joseph Louis,	Houma, La.
Wulff, Fred August, Jr.,	237 So. Genois

## FOUR YEAR COURSE

## FIRST YEAR

Baron, Joseph James,	8238 Spruce
Blouin, Joseph Clarence,	Lafourche Crossing, La.
Cohen, Benjamin,	1706 Jackson Ave.
Ford, Chester, Joseph,	512 Walnut
Grace, Edwin Huye	7602 Hampson
Laplace, Gesselly Joseph	1473 Henry Clay Ave.

(Students in the second, third and fourth years of the four year course are classified as members of the first, second and third year classes, respectively, of the three year course).

## SPECIAL STUDENTS

Buras, Joseph Justin,	Algiers, La.
Clark, Edward Loomis,	1323 Louisiana Ave.
Douglas, Judith Hyams,	7825 Elm
Martin, Henry Howell,	Lake Charles, La.
Miller, Frank Andrew,	1035 Mazant.

## UNCLASSIFIED STUDENTS

Bauer, Raphael Conrad,	Alexandria, La.
Hammett, William Bernard,	726 Broadway
Parker, Mollie Maude,	1467 Nashville Ave.

## SCHOOL OF MEDICINE

! Partial-course students.

‡ Special students.

### STUDENTS OF FOURTH YEAR AND ABOVE

(INCLUDING GRADUATE STUDENTS).

#### CLASS OF 1918

Adams, John Charles	Mississippi
Allred, DeWitt Talmage (B. Sc.)	Mississippi
Anderson, William Henry (A. B.)	Mississippi
Barbour, Herbert Leo	Kentucky
Black, James Bailey	Mississippi
Black, Thomas Nathaniel, Jr.	Arkansas
Bloom, Harold Abel	Louisiana
Brennan, Lawrence Arthur James	Louisiana
Brenner, Milton Louis	Texas
Brown, Joseph Patrick (Pharm. Chem.)	Louisiana
Burgis, Albert Frank	Louisiana
Cheek, Carey (B. Sc.)	Mississippi
Cohen, Sam Charles	Louisiana
Copp, Francis Allen (A. B.)	Florida
Corpening, (Miss) Cora Zetta	North Carolina
Cox, Reginald Francis	Virginia
Credille, Barney Alexander (B. Lit.)	Texas
Danna, Frank Peter	Louisiana
Dwyer, Hugh Leo (D. V. M.)	Louisiana
Faust, Edmond Lawrence	Louisiana
Freeman, Otto Leon (A. B.)	Louisiana
Gage, Alfred Cauthen	South Carolina
Hagaman, Frank Henry	Mississippi
Hampton, George Gardner	Mississippi
Hansen, Elmer Harry	Minnesota
Harris, Joseph Pink	Texas
Havá, Frank Chavigny	Louisiana
Hoeflich, Carl William (M. D.)	Texas
Isaacson, Julius Emanuel	Louisiana
Jacobson, Harry Breckenridge	Arkansas
Jerwick, Harry Dave	Arkansas
Jones, Earl (B. Sc.)	Louisiana

Kellum, Henry Jack (B. Sc.)	Mississippi
Kemp, Robert Stanley	Indiana
Knolle, Roger Edmond	Texas
Le Bourgeois, Paul Arthur	Louisiana
Lewis, Charles Williams (A. B.)	Louisiana
Lorio, Clarence Alberic (B. Sc.)	Louisiana
Lucas, Robert Theodore (A. B.)	North Carolina
McBride, Douglas Culpepper (B. I.)	Louisiana
May, Ross Reynolds (M. D.)	Texas
Matthews, Edgar Stanley (M. D.)	Louisiana
Mixon, Porter (B. Sc.)	Alabama
Mulheron, Erle Ridley (M. D.)	Tennessee
Parham, Duncan	Louisiana
Peterman, Edward Stanley	Louisiana
Pitkin, Albert Baldwin	Louisiana
Plauche, Joseph Winfield (M. D.)	Louisiana
Pope, Irvin, Jr. (B. Sc.)	Texas
Pope, John Hunter (B. Sc.)	Texas
Potts, Robert Hollingsworth	Louisiana
Pounders, Carroll Monroe	Texas
Powell, Ellis	Georgia
Ramirez, Urbano	Porto Rico
Rice, James Calhoun (B. Ped.)	Mississippi
Rives, James Davidson (B. Sc.)	Louisiana
Rodes, Enrique Alberto (Gr. Pharm.)	Cuba
Ross, Theophilus Erskine, Jr., (A. B.)	Mississippi
Shackelford, Clarence Watts (M. D.)	Alabama
Smith, Millard Lieser	Alabama
Stacy, Archie Jackson	Mississippi
Stough, Dowling Blufeford, Jr.	Oklahoma
Tisdale, William Cecil (A. B.)	Alabama
Tucker, Leo Willard	Louisiana
Van Studdiford, Martin Thomas, Jr. (B. Sc.)	Missouri
Voss, Charles Henry (A. B.)	Louisiana
Yznaga, Alvaro Arturo	Cuba

### THIRD YEAR STUDENTS, CLASS OF 1919

Awtrey, Phillip McKinley	Alabama
2   Baker, Claude Mosley	Louisiana
Beals, John Alfred	Indiana
Bean, Dorf (Pharm. Chem.)	Texas
Bethea, Stanford Ernest (B. Sc.)	Mississippi

Billings, Gilbert M. (A. B.)	North Carolina
Blackmar, Ray Wellborn (B. Sc.)	Georgia
Bowden, (Mrs.) Margaret Pauline Harrison	Louisiana
Brady, Milo James	Louisiana
Brooksher, William Riley, Jr. (A. B.)	Arkansas
Bussey, James Everett	Texas
Castellanos (y Cardoso) Jorge Conrado	Cuba
Cefalu, Victor, Jr.	Louisiana
Clay, Berney Sumner (D. V. M.)	Alabama
Cobbs, Beverly Woodfin (A. B.)	Alabama
Crawford, Willie Sterling	Mississippi
Crowell, Tolbert Clinton	Louisiana
Davis, Russell Byron	Mississippi
Deignan, Joseph Paul	Georgia
Dillman, James Arl	Arkansas
Douglas, Robert Gibbs (B. Sc.)	Louisiana
Dupuy, Jules Emile, Jr.	Louisiana
Ehlinger, Rancier Burt (B. Sc.)	Louisiana
Faris, Henry Bertraus (A. B.)	Louisiana
Funderburk, Joseph M. (B. I.)	Kansas
Gladney, John Davidson	Louisiana
Good, Brooks David (B. Sc.)	Mississippi
Hale, Richard Alexander	Texas
Hobbs, Arthur Alexander, Jr. (A. B.)	Missouri
Holladay, Walter Robert (A. B., B. Sc.)	Mississippi
Holloway, Paul Dickson (B. Sc.)	Mississippi
Johnson, Brantley Mettauer (A. B.)	Georgia
Kirkpatrick, Charles Henry, Jr.	Florida
Kitts, Henry Lofton	Tennessee
Knolle, Wilkes Adams (B. Sc.)	Louisiana
Kramer, Richard Shaffer	Louisiana
Lowe, James Osborne (B. Sc.)	Mississippi
Lyons, Shirley Carlton	Louisiana
McGuire, John Jett	Florida
McLaurin, Hugh Love	Texas
McLeod, Hugh Carroll (B. Sc.)	Mississippi
McMillan, Edwin Guy (B. Sc.)	North Carolina
Maher, (Miss) Aldea (A. M.)	Louisiana
Manhoff, Benjamin	Texas
Millender, Charles White (A. B.)	North Carolina
Mogabgab, Anees	Louisiana

Murry, Harry Eldridge	Arkansas
Neely, Paul Talmage	Texas
Parish, John Kimball, Jr.	Wisconsin
Parker, James Searcy	Alabama
Perdue, Colvin C. (A. B.)	Alabama
Perkins, Philip Samuel	Louisiana
Polanco, José	Porto Rico
Pritchett, Harry Wooding	Virginia
Rennie, Thomas Ludford (A. B.)	Alabama
Richard, Florence Stephen	Louisiana
Silva, Euripides, Jr.	Porto Rico
Spilman, Edwin B.	Texas
Smith, Benjamin Franklin (A. B.)	Missouri
Taylor, Archie (B. Sc.)	Mississippi
Thomas, Albert Richard	Louisiana
Thompson, Otis Richard (B. Phil.)	Georgia
Wallace, Robert Boyd (B. Sc.)	Alabama
Watson, Thomas Mervelle (B. Sc., Med.)	N. Carolina
West, Arthur William	Louisiana
White, Earl Thomas	Mississippi
Wilkerson, William Washington	Alabama
Wilson, John Calvin	Arkansas
Wolff, Irving Joseph (A. B.)	Louisiana

## SECOND-YEAR STUDENTS, CLASS OF 1920

Adam, Alfred David	Louisiana
Allen, William O.	Mississippi
Armstrong, Eugene Lawson	Louisiana
Axelrod, Alexander	Texas
Battalora, George Clarence	Louisiana
Blackmar, Francis Burton	Georgia
Blincoe, Homer Raymond (A. B., M. Sc.)	Kansas
Boulet, Irwin James	Louisiana
Brown, Charles Lafayette	Texas
Bruner, Joseph Clyde (A. B.)	Louisiana
Brunot, Felix Reville	Pennsylvania
Burkhead, Jesse DeWitt	Alabama
Carter, John Hardin	Florida
Cato, Frank Lee, Jr.,	Georgia
Christoffer, Oscar Theodore	Texas
Colomb, Brooks Amedee	Louisiana
Davidson, Julius Meyer	Mississippi

Delahoussaye, Roy Edward (B. Sc.)	Louisiana
Dodd, Robert Lapsley	Mississippi
Elder, Samuel Fletcher (A. B.)	Louisiana
Fears, Thaddeus Alvin	Texas
Folse, Henry Arthur (A. B.)	Louisiana
Ford, Frank Raymond	Louisiana
French, Harry Joseph	Louisiana
Frère, John Marsh	Louisiana
Gallo, Frank	Louisiana
Gardiner, Walter Peters	Louisiana
Garrett, Ephraim Spencer, Jr.	Alabama
Gilder, Wayne (A. B.)	Alabama
Gooch, Lewis Melvin	Texas
Granata, Sam Vincent	Louisiana
Harris, Homer Perseus	Alabama
Hawthorne, Julian	Alabama
Heath, Guy Wilkerson	Alabama
Hobson, Sam, Jr.	Mississippi
Hoffman, James Mortimer (A. B.)	Louisiana
Huggins, Isaac Clifton	Mississippi
Jaubert, Francis Leon	Louisiana
Johnson, Clifford Uriah	Louisiana
Jones, Curtis Whittemore	Arkansas
Jones, Philip Harold, Jr., (A. B.)	Louisiana
Jung, Theodore August, Jr., (A. B.)	Louisiana
Kerlin, Douglas Ledbetter	Louisiana
LeJeune, Francis Ernest (B. Sc.)	Louisiana
Linfield, Edwin Harper	Mississippi
Long, Louis Bernard (A. B.)	Florida
Love, Thomas Stafford	Texas
McAdoo, Hosea Webster	Arkansas
Marsalis, Don S.	Louisiana
Miller, Martin Owen	Louisiana
Moore, John Morgan	Texas
Morgan, Albert Reynauld (A. B.)	Louisiana
Moss, Olin Winn	Louisiana
Ogden, Hilaire D., Jr.	Louisiana
Quinn, Harold Joseph	Louisiana
Rateau, Jules Brunet (Gr. Pharm.)	Texas
Rozier, Lauchlin McKinnon (A. B.)	Alabama
Savoy, Frank	Louisiana

Scott, Richard Croker	Louisiana
Smith, Chester Owen	Louisiana
Socola, Edwin August	Louisiana
Stafford, Hollis Ancil	Louisiana
Sternberg, Samuel	Louisiana
Stiles, James Hooper	Texas
Taylor, James Leslie, Jr.	Alabama
Thorpe, Eugene Davis (A. B.)	Florida
Unsworth, Herbert Randolph	Louisiana
Vidrine, Arthur (A. B.)	Louisiana
Wagner, William Alfred	Louisiana
Whiteside, Maurice Scarbrough	Alabama
Whitfield, Bryan Watkins (B. Sc.)	Alabama
Wichser, Clarence John (B. Sc.)	Louisiana
Williams, Hiram Joseph	Georgia
Williams, Richard Z	Louisiana
Wilson, Frank Cunningham	Alabama
Woodruff, Gerald Ginness (A. B.)	Alabama
Wright, Roy William	Louisiana
Zander, Edwin Lionel Joseph	Louisiana

## FIRST-YEAR STUDENTS, CLASS OF 1921

Anderson, Thomas Jefferson (A. B.)	Alabama
Aucoin, Albert Frank	Louisiana
? Ball, Charles Joseph	Louisiana
? Barber, Laurence Corbin	Louisiana
Barfield, (Miss) Melson (B. Sc.)	Alabama
Bienvenu, Lionel Joseph, Jr., (B. Sc.)	Louisiana
Blum, Walter Leo	Louisiana
Boyer, (Miss) Anna	Kansas
Brewster, Walter Rogers	Louisiana
Calhoun, Samuel Leslie	Louisiana
Campbell, Earl Roy (A. B.)	Alabama
Carter, James Johnston (B. Sc.)	Mississippi
Cassity, Jack Holland	Texas
Clark, Glenn Wood	Arkansas
Coats, Harry Nunnelee	Arkansas
Coleman, Denzil	Florida
Cox, Henry Tyus	Texas
Cruthirds, Archie Edward (A. B.)	Louisiana
Crutsinger, Paul	Texas
Dees, (Miss) Marie Byrd (A. B., B. Sc.)	Mississippi

DeTar, Theodore Webb	Texas
¶ Dirmann, Florau William, Jr.,	Louisiana
Dismuke, (Miss) Lily Lyle (A. B.)	Georgia
Drouin, (Miss) Ethel Marie	Louisiana
Duffy, Morris James	Louisiana
Ernst, Harold Oliver	Louisiana
Estévez, Rafael	Arizona
Gilmer, Peachy Robert	Louisiana
Grayson, William Bandy	Arkansas
Grossman, Louis Meyer	Louisiana
‡ Harris, Earl (Pharm. Chem.)	Texas
Harvey, Altus Buren (B. Sc.)	Mississippi
Hawkins, Josiah Edwin	Louisiana
¶ Koonce, Philip Benton	Louisiana
Lescale, Charles Maurice	Louisiana
¶ Lew, Jacob	Louisiana
Littell, Robert Moses, Jr.	Louisiana
Lloyd, William Kiddoo (A. B.)	Alabama
Lyle, Judge Matthew, Jr.	Texas
McNamara, Henry Erskine (Ph. G.)	Alabama
Macheca, Henry Austin	Louisiana
Martorell, Abelardo	Florida
Merilh, Edmond Louis (B. Sc.)	Louisiana
Miller, Harold Avery (B. Sc.)	South Dakota
Mixson, Harold Joyce	Florida
Moseley, Ernest Earl	Georgia
Mouton, Carroll Joseph (B. Sc.)	Louisiana
Neely, John William	Texas
Peon, Ignacio Enrique	Mexico
Phillips, Stonewall Jackson	Louisiana
Pool, Robert McCaughrin (A. B.)	South Carolina
Puckett, Forest	Texas
Robbins, Isidore	Louisiana
Rodick, John Clement	Louisiana
‡ Sanders, John T.	Alabama
Scott, Leroy Havard (A. B.)	Louisiana
Sicomo, Joseph	Louisiana
¶ Siess, Guy Edward	Louisiana
Simpson, Wiley Terrell	Alabama
Stillman, William King	Georgia
Toler, Edward Blackburn	Missouri



Vargas, (Derieux) Manuel	Porto Rico
Wagner, Richard	Louisiana
Walker, William White (D. Sc.)	Mississippi
Willis, Charles Perry	Louisiana
Young, John Irion	Texas
Young, Robert Jackson	Louisiana

## STUDENTS TAKING SPECIAL COURSES

Bannerman, (Mrs.) Dessye Boltz	Louisiana
Hafkesbring, (Miss) Ruth Alice	Louisiana
Jones, (Miss) Martha Amanda	Louisiana
Landers, (Miss) Arlette Lee	Texas
Raymond, (Miss) Mary	Louisiana
Vogel, (Miss) Emma Grant	Missouri
Whitfield, (Miss) Nelly Keyes	Alabama
Wolters, (Miss) Emma Dorothea	Mississippi

## STUDENTS OF SECOND PRE-MEDICAL YEAR, CLASS OF 1922

Burke, Francis Marion	Texas
Butler, Hull Wesley (Pharm. B.)	Louisiana
McBride, William McGinty	Louisiana
Warner, Clyde Moeur	Texas
Whitaker, James Ezekiel (B. L.)	Alabama

## STUDENTS OF FIRST PRE-MEDICAL YEAR, CLASS OF 1923

Bailey, Emory Lawrence	Arkansas
Battalora, Harold Joseph	Louisiana
Bierhorst, Henry Rehm	Louisiana
Buchanan, Alexander Gordon	Louisiana
Campagna, Maurice	Louisiana
Carter, Clarence Stouse	Louisiana
Cerda, Salvatore, Jr.	Costa Rica
Cocchiara, Peter	Louisiana
Compton, James Ballance	Louisiana
Davison, Emile Arthur	Louisiana
Gaudet, James Amedeé, Jr.	Louisiana
Gentling, Gregory Philip	Minnesota
Grant, William Leo	Texas
Hanus, Joseph Jacob, Jr.	Texas
Hèbert, Gaston Arthur, Jr.	Arkansas
Henderson, Roy Earl	Texas
Henderson, William Kirby	Mississippi
Kern, John Ebert	South Carolina

<b>L</b> andry, Odey Francis	Louisiana
<b>M</b> ontelepre, Philip	Louisiana
<b>O</b> linde, Dewey Joseph	Louisiana
<b>R</b> abb, Robert Young	Georgia
<b>R</b> andazzo, Matthew Joseph	Louisiana
<b>R</b> osenthal, Irwin William	Louisiana
<b>S</b> alazar, ( y Baldioceda ) Mariano	Costa Rica
<b>T</b> inney, Stanley Gazzo	Louisiana
<b>W</b> erkheiser, Frank Earle	Mississippi

## GRADUATE SCHOOL OF MEDICINE

---

Abbott, Chas. Marion,  
 Alford, D. Wendell,  
 Allison, Willard R.,  
 Andrist, J. Walter,  
 Arnold, L. Jas.,  
 Ashcraft, J. Harvey,  
 Askew, Edw. R.,  
 Austin, Marshall Lee,  
 Austin, Merchant E.,  
 Ayer, F. R.  
 Bacon, Otis G.,  
 Barrier, Jno. Marion,  
 Barton, Wm. Peyton,  
 Bast, Lee,  
 Bates, Wm. Asa,  
 Belcher, Wm. R.  
 Bell, Wm. F.,  
 Betts, Wm. F.,  
 Blackwell, Geo. T.,  
 Bowden, Homer C.,  
 Brevard, Leon Hawkins,  
 Brewster, Carl L.,  
 Brock, Lucius W.,  
 Brown, Jos. R.,  
 Buckley, Embry Allen,  
 Burns, Stillwell C.,  
 Byrd, Benjamin L.,  
 Callaway, Alonzo N.,  
 Camp, Jim,  
 Campbell, Matthew E.,  
 Carr, Oliver F.,  
 Casteneda, Tulio,  
 Chaffin, Justus B.,  
 Chambers, Houston Carlisle,  
 Cliffe, Daniel Bonaparte,  
 Compere, Thos. H.,  
 Connally, W. Price,  
 Conter, Augustus E.,  
 Cook, John Oliver,  
 Cotton, Carroll C.,  
 Cox, Arthur Jno.,  
 Cox, Jos. W.,  
 Cunningham, Miles D.,  
 Cushman, Milton R.,  
 Daniel, Jas. H.,  
 Douglas, Smith W.,  
 Douglass, Alvan Edw.,  
 Eckhart, Herman Chas.,  
 Edwards, Jas. Gettys,  
 Edwards, Louis Lee,

Ponchatoula, La.  
 Bogalusa, La.  
 St. Clairsville, O.  
 Owatonna, Minn.  
 Lillington, N. C.  
 Fayette, Ala.  
 Hugo, Okla.  
 Montalba, Tex.  
 Tampico, Mex.  
 Arlington, Ia.  
 Davidson, Okla.  
 Delhi, La.  
 Overton, Tex.  
 Hotchkiss, Colo.  
 Purdon, Tex.  
 Baker Hill, Ala.  
 Plain Dealing, La.  
 Evergreen, Ala.  
 Gorman, Tex.  
 Brownwood, Tex.  
 Hernando, Miss.  
 Alexandria, La.  
 Mt. Herman, La.  
 Martin, Ga.  
 Strong, Ark.  
 Philadelphia, Pa.  
 Enterprise, Ala.  
 Tyler, Tex.  
 Pecos, Tex.  
 Big Spring, Tex.  
 Pontotoc, Miss.  
 La Ceiba, Honduras  
 San Angelo, Tex.  
 Girard, La.  
 Franklin, Tenn.  
 Houston, Tex.  
 McGregor, Tex.  
 Chattahoochie, Fla.  
 Sunny Side, Utah  
 Elwood, Ind.  
 Ennis, Tex.  
 Groesbeck, Tex.  
 Lithonia, Ga.  
 Prairieville, La.  
 Iliff, Colo.  
 Eudora, Ark.  
 Hoy, La.  
 Yorktown, Tex.  
 Henryetta, Okla.  
 San Marcos, Tex.

Ehlert, Emile  
 Elders, Jno. Wesley.  
 Ellis, Lucius M.,  
 Engle, Paul,  
 Ewbanks, J. Nelson,  
 Ezell, Jas. J.,  
 Faith, Jas. F.,  
 Folsom, Artemus,  
 Fortson, Jno. L.,  
 Foster, Edw. C.,  
 Fuller, Frank A.,  
 Gaines, Walter L.,  
 Gilliam, Horace Andrew,  
 Greer, Luther Lee,  
 Guenther, Jno. G.,  
 Halbert, Wm. W.,  
 Hall, Joe H.,  
 Hardman, Wm. E.,  
 Hardy, Arthur C.,  
 Harris, Jas. C.,  
 Harrison, Calvin McCoy,  
 Harwell, J. Lee,  
 Hayes, Albert G.,  
 Head, Marvin M.,  
 Helms, Cadar P.,  
 Helms, Wm. Lee,  
 Henderson, Jno. M.,  
 Henderson, Jos. C.,  
 Hilburn, Robert E.,  
 Hockenhull, Jno. H.,  
 Hogg, Jarrell N.,  
 Holliday, Jas. C.,  
 Hornsby, Wm. Walter,  
 Horton, Jno. T.,  
 Huckabay, Wm. Hy.,  
 Hudnall, Edw. T.,  
 Hudson, Walter B.,  
 Hunt, Earle H.,  
 Hunter, Willis M.,  
 Huston, H. Edwin  
 Irby, Alfred,  
 Irwin, Thos. H.,  
 Jackson, Agnes O., (Mrs)  
 Jackson, Leslie Lay,  
 Jamison, Alfred,  
 Junkins, Samuel P.,  
 Keaster, Jos. B.,  
 Keeley, Jas. C.,  
 Keller, Mitchell S.,  
 Kellogg, Harold Edw.,  
 Kenney, N. M.,

New Orleans, La.  
 Alicia, Ark.  
 Houston, Tex.  
 Middlebourne, W. Va.  
 Rhame, No. Dak.  
 Lafayette, Ky.  
 Dodson, La.  
 Cut Bank, Mont.  
 Tecumseh, Okla.  
 Whitt, Tex.  
 Jacksonville, Tex.  
 Bomarton, Tex.  
 Lamesa, Texas  
 Holmesville, Miss.  
 Moulton, Tex.  
 Hughes Springs, Tex.  
 Norman Park, Ga.  
 Annona, Tex.  
 Lockhart, Tex.  
 Collins, Ga.  
 Comanche, Okla.  
 Hendrickson, Mo.  
 Coldwater, Tenn.  
 Zebulon, Ga.  
 New Boston, Texas  
 Taylor, Tex.  
 Waelder, Tex.  
 Waelder, Tex.  
 Antelope, Tex.  
 Cumming, Ga.  
 West Point, Ga.  
 Athens, Ga.  
 Booneville, Ark.  
 Quanah, Tex.  
 Campptl, La.  
 Taylor, Ark.  
 Yale, Okla.  
 Clarksville, Ark.  
 Vian, Okla.  
 Aline, Okla.  
 Weatherford, Tex.  
 Moulton, Ala.  
 Strawn, Tex.  
 Strawn, Tex.  
 Marks, Miss.  
 Little Rock, Ark.  
 Roswell, N. Mex.  
 San Antonio, Tex.  
 Calera, Okla.  
 Madison, So. Dak.  
 San Antonio, Tex.

Keoun, Thos. N.,	Plain Dealing, La.
Kerfoot, C. L.,	Prague, Okla.
Kidd, Orum L.,	Gibbsland, La.
King, Clarence R.,	Crane, Mo.
Kranz, Martin,	Mandan, No. Dak.
Kuhn, August,	Pflugerville, Tex.
Laird, Thos. Jefferson,	Lorenzo, Tex.
Langston, Dewitt T.,	New Hebron, Miss.
Latham, Wm. W.,	Crockett, Tex.
Leslie, Wm.,	Orange Free State, So. Africa
Lewis, Geo. L.,	San Angelo, Tex.
Lindley, Calvin Denton,	Archer City, Tex.
Lipscomb, Wm. Emory,	Cumming, Ga.
Love, Royal L.,	Farmerville, La.
Lundy, Samuel A.,	Ft. Worth, Tex.
Lynn, Jno. Roland,	Hazen, Ark.
Magness, Jas. C.,	Honey Grove, Tex.
Matheny, Wm. F.,	Sampson, Ala.
Matthews, Sidney Bruce,	Alexandria, La.
Matthews, Millard F.,	. Athens, Ga.
Mathews, Wm. J.,	Elberton, Ga.
Mayfield, Hugh F.,	Huttig, Ark.
Melby, Benedik,	Blooming Prairie, Minn.
Middlebrook, Jas. Richard,	Alpine, Tex.
Miller, Robert Bruce,	Lebanon, Ore.
Monk, Jno. A.,	Kempner, Tex.
Morgan, Furman Lee,	Kansas City, Kan.
Murfin, Jas. Gordon,	Portsmouth, O.
McAlister, Finis Ewing,	Texla, Tex.
McAmis, Thos. A.,	Albany, Miss.
McCall, Jos. W.,	Huntingdon, Tenn.
McCall, Walter Price,	Ennis, Tex.
McClain, Wm. Z.,	Heavener, Okla.
McClellan, Clarence L.,	Farwell, Tex.
McDaniel, Wm. B.,	Byers, Okla.
McKee, Ambrose V.,	Murray, Ky.
McKinney, Garland Young,	Kusa, Okla.
Nolan, Jno. W.,	El Dorado, Ark.
Noland, Moss R.,	Moberly, Mo.
North, Jno. Leopold,	Miami, Fla.
deNux, Sylvain,	Marksville, La.
Ogden, Isham,	Odum, Ga.
Oliver, Robert B.,	Bokhoma, Okla.
Oliver, Thos. C.,	French Camp, Miss.
Page, Roy Lee,	Henderson, Tex.
Payne, Thos. Hy.,	Saginaw, Ala.
Peeler, Jno. K.,	Granite Quarry, N. C.
Poole, Eug. B.,	Jackson, Miss.
Powell, Jno. W.,	Sisseton, So. Dak.
Powell, Minor M.,	Coldwater, Miss.
Powell, Virgil Lee,	Paducah, Ky.
Powers, Vernon B.,	Marion, Tex.

Poynor, Geo. V.,  
 Pratt, Jno. Overton,  
 Price, Chas. C.,  
 Price, Don,  
 Pullen, Chas. D.,  
 Quinn, Wm. E.,  
 Rainold, Mozart W.,  
 Ramsey, Jas. A.,  
 Ramsey, Jno. Bruce,  
 Rankin, Wm. R.,  
 Reeder, Hy. Maurice,  
 Rhodes, Thos. A.,  
 Richards, Albert M.,  
 Risher, Pink Clayton,  
 Roan, Carl Martin,  
 Ryan, Jas. Leonard,  
 Sadler, Finis Ewing,  
 Sand, Olaf,  
 Seale, Jos. Johnson,  
 Shackelford, Clarence Watts,  
 Simmons, Lawson L.,  
 Simmons, Wm. L.,  
 Simpson, Nathaniel N.,  
 Sinclair, Thos. A.,  
 Slocumb, Clyde B.,  
 Sornsen, Antone A.,  
 Starnes, Adolphus E.,  
 Stovall, Geo. E.,  
 Streit, August J.,  
 Stueart, Jno. B.,  
 Tarpley, Robert Fulton,  
 Taylor, Jas. Isaac,  
 Taylor, Jno. Craig,  
 Travis, J. Martin,  
 Traylor, Winn,  
 Turner, Wm. J.,  
 Tussing, Perry I.,  
 Tyson, Wm. S.,  
 Wallace, Jno. M.,  
 Waller, Jos. Johnson,  
 Walker, Isaac C.,  
 Waltrip, Jesse Ray,  
 Weber, Frederick Hy.,  
 White, Herbert H.,  
 Willett, Robert Herman,  
 Willey, Felix Jefferson,  
 Williams, Samuel S.,  
 Willis, Clarence H.,  
 Wood, Robert Lee,  
 Yantis, G. R.,  
 Yeargan, Wm. M.,  
 Zins, Louis E.,

Southwest City, Mo.  
 New Orleans, La.  
 Dumas, Ark.  
 Wilmer, Tex.  
 Mt. Pleasant, Mich.  
 Estacion Monclova, Coah., Mex.  
 Pass Christian, Miss.  
 Dallas, Tex.  
 Forest, Tex.  
 Montgomery, Ala.  
 Asher, Okla.  
 Cherokee, Okla.  
 Andalusia, Ala.  
 Laurel, Miss.  
 Minneapolis, Minn.  
 Sulphur, Okla.  
 Coalgate, Okla.  
 Fargo, No. Dak.  
 Thornton, Tex.  
 Fairfield, Ala.  
 Greensboro, N. C.  
 Brazos, Tex.  
 Henryetta, Okla.  
 Houston, Tex.  
 Doerun, Ga.  
 Aberdeen, So. Dak.  
 Hughes Springs, Tex.  
 Sikes, La.  
 Marlin, Tex.  
 Womble, Ark.  
 Swinton, Mo.  
 Loco, Okla.  
 Chelsea, Okla.  
 Jacksonville, Tex.  
 Victoria, Tex.  
 Long Branch, Tex.  
 Lima, O.  
 New Boston, Tex.  
 Ft. Smith, Ark.  
 Oliver Springs, Tenn.  
 Marion, Ill.  
 Kinta, Okla.  
 Boulder, Colo.  
 Enterprise, Ala.  
 Jonesboro, Ark.  
 Keachie, La.  
 Leesville, La.  
 Barnesville, Ga.  
 Amity, Ore.  
 New Orleans, La.  
 Soper, Okla.  
 Chicago, Ill.

## SCHOOL OF DENTISTRY

### FRESHMEN CLASS

*Aaron, Miss J.	Michigan
Aaron, A. B.	Michigan
Balkemeyer, S. W.	Louisiana
Clark, O. B.	Arkansas
Drayton, J.	Mexico
Folse, W. L.	Louisiana
Gayle, F. R.	Louisiana
Gentling, H. A.	Minnesota
Gill, W. J.	Louisiana
*Lazo, M. A.	Nicaragua
LeBourgeois, A. L.	Louisiana
McKinney, J. H.	Texas
McKinney, L. E.	Texas
*Milord, A.	Panama
*Mora, F. R.	Louisiana
*Warner, C.	Texas

### JUNIOR CLASS

Aiken, A. L.	Connecticut
Bailey, C.	Texas
Barnes, J. H.	Louisiana
Bartlett, J. A.	Louisiana
Beauchamp, T. A.	Louisiana
Blount, J. W.	Alabama
Brownfield, R. A.	Arkansas
Casasola, J. R.	Costa Rica
Colee, O. L.	Minnesota
Day, E. W.	Louisiana
Dubuisson, G. W.	Louisiana
Fillastre, A.	Louisiana
Foster, J. A.	Louisiana
Hinton, S. T.	Mississippi
Joly, Mrs. A.	Louisiana
Marquez, F.	Guatemala
Meredith, A.	Louisiana

\*Matriculated but did not attend.

*Oakes, F. E.	Louisiana
Rye, G. L.	Texas
Spell, C. D.	Mississippi
*Trundle, W. E.	Virginia
Wadlin, J. A.	Colorado

## SENIOR CLASS

Andrews, J. W.	Louisiana
Bertucci, J. F.	Louisiana
Biggs, T. G.	Louisiana
Davison, C. M.	Louisiana
DeBella, J. F.	New Jersey
Eastin, E. G.	Louisiana
Gittelman, H.	Egypt
Jarrell, M. F.	Louisiana
Lescale, J. B.	Louisiana
Lima, G.	Guatemala
McKeithen, R. S.	Louisiana
Magee, H. L.	Mississippi
Mayer, M. S.	Louisiana
Meyer, H. H.	Louisiana
O'Ferrall, T. M.	Mississippi
Robinson, H. L.	Louisiana
Robinson, J. B.	Louisiana
Rodriguez, A.	Spain
Rodriguez, C.	Spain
Rodriguez, F.	Spain
Rozas, A.	Louisiana
*Songy, O. J.	Louisiana
Trellue, W. D.	Louisiana
Warner, G. A.	Cuba
Wolfe, O. A.	Louisiana

---

\*Matriculated but did not attend.



## **SCHOOL OF PHARMACY.**

---

### **STUDENTS OF SECOND YEAR AND ABOVE, CLASS OF 1918**

Jackson, ( Miss) Reita Christine	Texas
McComiskey, (Miss) Marie Greer	Louisiana
McCune, Laurence Joseph	Louisiana
Woodford, George Dewey	Texas

### **FIRST-YEAR STUDENTS, CLASS OF 1919**

Clark, Andrew Rayford	Texas
Crane, James Edwin	Texas
Hopkins, (Miss) Ellen Eugenie	Louisiana
Shaughnessy, Edward	Minnesota
Wilbert, Andrew Moll	Louisiana

---

## **SCHOOL OF HYGIENE AND TROPICAL MEDICINE**

---

### **STUDENT IN REGULAR COURSE**

Dwyer, Hugh Leo, D. V. M..	Louisiana
----------------------------	-----------

# **COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

Abrams, (Miss) Hortense,	1833 Berlin
Albrecht, Ernst,	Washley Farm and Development Co.
Allain, Alexander Stevenson,	6214 St. Charles
Allen, A. E.,	The Sherwin-Williams Co.
Allen, (Miss) Abbie Billiu,	The Chambers Agency
Amar, Edward Allen,	Commercial Trust & Savings Bank
Andry, (Miss) May Antionette,	Grunewald Hotel
Angelle, Henry J.,	Whitney-Central Trust & Savings Bank
Appolonio, Eugene J.,	J. E. Crusel
Arnoult, Louis Delille, Jr.,	Graham Paper Co.
Aucoin, Emile Joseph,	Interstate Trust and Banking Co.
Ayala, Alfred Joseph,	Williams-Richardson Co.
Badeaux, Reginald T.,	Aug. Salaun, Jr.
Backer, Albert Frederick,	W. A. Gordon & Co., Ltd.
Backes, Harry Wilson,	Pan-American Life Insurance Co.
Banchet, Louis P.,	Hibernia Bank & Trust Co.
Bankston, R. L.,	Henry Lochte Co., Ltd.
Barrett, Lawrence David,	Commercial Trust & Savings Bank
Barron, Cedric Errol, B. Arch.,	Alexandria, La.
Bartels, G. Paul,	Southern Cotton Oil Trading Co.
Bartlett, (Miss) Josephine,	A. Grombach
Bate, (Miss) Eunice Lea,	7901 Poplar
Baudean, J. Albert, B. A.,	Hibernia Bank & Trust Co.
Baudier, Louis Maurice,	Commercial Trust & Savings Bank
Bauer, Charles August,	Southern Pine Association
Bauer, Raphael Conrad,	Alexandria, La.
Behre, T. S., B. S.,	Pelican Ice Co.
Belden, (Miss) Adele,	1122 First
Benedic, Marion Albert,	Standard Oil Co.
Benjamin, Edward Bernard,	Maginnis Cotton Mills
Berckes, Herbert Christian,	Southern Pine Association
Bermudez, Edward J.,	New England Mutual Life Insurance Co.
Bernard, Gerard Henry, A. B.,	Interstate Trust and Banking Co.
Black, Jules Durel,	Black, Rogers & Co., Ltd.
Black, Lawrence Ervin,	Metropolitan Bank
Blackmar, (Miss) L. R.,	2532 Chestnut

Blattmann, Ernest Emile,	Schroeder-Blattmann Sheet Metal Works, Inc.
Bloch, Henry L.,	S. T. Alcus & Co.
Blum, Paul, Jr.,	City Bank & Trust Co.
Bodenger, Julius,	Algiers Cornice & Plumbing Works
Boh, George William,	Mieg-Brady Co., Ltd.
Bosarge, Robert Julius,	St. Bernard Cypress Co.
Boudreaux, A. J.,	Whitney-Central National Bank
Boudreaux, Oneil Philip,	Interstate Trust and Banking Co.
Bourgeois, Irwin Louis,	Home Life Insurance Co. of New York
Bouslog, Martin Perry,	Louisiana Abstract & Title Guarantee Co.
Braddock, (Mrs.) J. Ray,	G. V. W. Lyman
Brandner, William,	Whitney-Central National Bank
Brooks, (Miss) Evelyn Frances,	John Barkley & Co., Ltd.
Brown, (Miss) Constance, B. A.,	Pan-American Life Insurance Co.
Brunner, Baptiste William,	Metropolitan Bank
Bryson, Frederick Robertson, B. A., M. A.,	1900 St. Charles
Buja, (Mrs.) Annie Gormley,	Commercial Trust & Savings Bank
Burbank, Edward Walker, B. E.,	Allis-Chalmers Manufacturing Co.
Burbank, Frederick Godfrey,	Columbia Mills, Inc.
Burka, Israel,	Dan W. Feitel Bag Co., Ltd.
Burka, Morris Edwin,	Dan W. Feitel Bag Co., Ltd.
Burke, (Miss) Annabelle,	T. J. Semmes School
Butker, Charles,	Hibernia Bank & Trust Co.
Byrne, W. C.,	Citizens Bank & Trust Co.
Calhoun, Benjamin Christian,	Poitevent & Favre Lumber Co.
Calhoun, George H.,	Interstate Electric Co.
Carlisi, Lucas M.,	Grunewald Hotel
Carlos, Robert L.,	Commercial National Bank
Carmouche, George H.,	Napoleonville, La.
Caston, (Miss) Lida Mary,	H. B. Bradford Furniture Store
Cayard, Robert Charles,	The New Orleans Item
Chisholm, James Boddie,	Fowler & Black
Chivers, (Miss) Forest Barbara,	Grunewald Hotel
Christian, Charles Gayler,	Cumberland Telephone & Telegraph Co., Inc.
Clapp, Frederick William, Jr.,	1 Dunleith Court
Claverie, Cyril Dewey, B. S.,	Aug. J. Claverie & Co.
Coker, James,	Jno. F. Clark & Co.
Coker, William Alphonsus,	Weil-Gutmann Supply Co.
Coleman, James Gerard,	New Orleans Railway & Light Co.

Colgin, Clarence Homer,	Interstate Trust and Banking Co.
Colgin, (Miss) Mary,	Grunewald Hotel
Collins, (Miss) Joanna,	Reily-Taylor Co.
Collins, Joseph Charles,	Gulf Refining Co.
Collins, Stephen Dennis,	S. J. White & Co.
Colomb, James Marion,	Dameron-Pierson Co., Ltd.
Conroy, (Miss) Mary Agnes,	Abbott Automobile Co., Ltd.
Cooper, (Miss) Bertha Mary,	Jos. A. Maybin School
Corry, Joseph Dunklin,	1407 Bordeaux
Crane, (Miss) Marjorie A.,	Interstate Trust and Banking Co.
Crow, Archie Floyd,	Hesterville, Miss.
Cumpsten, (Miss) Mary Elizabeth,	David M. Davis & Co.
Crump, Benjamin, Jr.,	Benjamin Crump, Jr.
Curran, Robert Lee, Jr., B. A.,	The Times-Picayune
Cuvillier, E. T.,	Andrew J. McShane
Daboval, Emile,	Federal Land Bank
Dameron, (Miss) M. F.,	Maison Blanche Co.
Dantzler, Lorenzo Nolley, Jr.,	Biloxi, Miss.
Danziger, (Miss) Miriam Martha, B. A.,	6120 Saratoga
Darms, Ennemon Martin,	Cuyamel Fruit Co.
DeBlanc, St. Denis J.,	Morgan, Louisiana and Texas R. R. & S. S. Co.
Deeves, (Miss) Bessie,	Hayward, Howard & Co.
de la Ossa, Efrain Manuel,	Swift & Co., Ltd.
Delery, Jas. J.,	Whitney-Central Trust and Savings Bank
de Montegre, (Mrs.) Lillian Hatcher,	New Orleans Underwriters Agency
Denny, Jacob,	3442 Magazine
DePhillips, W. A.,	Trans-Mississippi Terminal Railroad Co.
DeRussy, Charles N.,	W. R. Grace & Co.
Dickinson, D. R.,	Commercial Trust & Savings Bank
Dittgen, Frank Joseph, Jr.,	New Orleans National Bank
Doiseau, Clarence M.,	New Orleans Lake Shore Land Co.
Doty, Ralph C.,	Penick & Ford, Ltd.
Douglas, James Edmond,	Whitney-Central National Bank
Dreyfous, (Miss) Caroline Helen,	1140 Jackson
Dreyfous, Felix Julius,	1140 Jackson
Drouet, (Miss) Adele Marie, B. A.,	D. H. Holmes Co., Ltd.
Dubourg, (Miss) Noellie Elaine,	Interstate Trust and Banking Co.
Duggan, (Miss) Adele Ida,	3222 Prytania
Dulany, Benjamin Joseph, B. Arch.,	New Iberia, La.

Dyett, H. M.,	Pan-American Life Insurance Co.
Earhart, Carter,	John B. Honor Co., Ltd.
Edgar, (Miss) Etta Margaret,	Flinkote Company, Inc.
Edler, Noel Louis,	D. H. Holmes Co., Ltd.
Edwards, (Miss) Jeannie,	A. M. Lockett & Co., Ltd.
Egan, (Miss) Louella Elizabeth,	New Orleans Normal School
Ellis, Crawford H.,	United Fruit Co.
Elmer, Gilbert C.,	Fritz Jahneke, Inc.
Farrell, J. J.,	Hibernia Bank & Trust Co.
Fernandez, Charles,	Citizens Bank & Trust Co.
Fettis, Charles Stewart,	43 Fontainebleau Drive
Feuillan, William Adran, Jr.,	Whitney-Central National Bank
Finkelstein, Solomon, B. E.,	1630 Carondelet
Finley, James Hield,	Tulane University
Fitzgerald, Frederick H.,	Commercial Trust and Savings Bank
Flake, Clifton F.,	Otis Manufacturing Co.
Follett, John Bradbury, B. A.,	New England Mutual Life Ins. Co.
Folse, Earle Jennings,	New Orleans Railway & Light Co.
Fossier, T. Paul,	Interstate Trust and Banking Co.
Frank, Chester,	Commercial Trust & Savings Bank
Frawley, Philip,	Grunewald Hotel
Fuchs, George Valentine,	New Orleans Post Office
Gaiser, Frederic Robert,	Nitrate Agencies Co.
Gaschen, Albert J.,	Pelican Ice Co.
Gaskins, Merlin John,	Commercial Trust & Savings Bank
Gautreau, Alton James,	Jno. Bonura & Co., Inc.
Geary, Cyril Paul,	Wm. Geary & Son
Gessner, Leonard E.,	119 Audubon Boulevard
Giessow, Carl,	New Orleans Joint Traffic Bureau
Gilmore, John,	Morgan, Louisiana and Texas R. R. & S. S. Co.
Godchaux, (Miss) Jeanne,	3815 Carondelet
Goebel, C. Henry,	Whitney-Central National Bank
Gonzales, Rene,	Metropolitan Bank
Grace, Raymond,	6029 West End Boulevard
Graham, Stanley Donald, Jr.,	Westfeldt Bros.
Graveley, Eugene Cenas, B. E.,	1302 Marengo
Grechman, Joseph Richard,	New Orleans Lake Shore Land Co.
Griffin, Edmund,	Crescent City Steam Laundry
Grima, Victor F.,	George Grima
Gschwind, Edward Robert,	6071 Laurel
Guedon, Edward Edmond,	Estate R. G. Holzer

Guenther, John Fred,	Williams-Richardson Co.
Gumbel, Joseph,	S. Gumbel & Co., Ltd.
Gumbel, Lester, A. B.,	S. Gumbel & Co., Ltd.
Guthans, John H.,	Whitney-Central National Bank
Hager, Frederick Charles,	The Savings & Homestead Association
Hall, William T.,	Panama Rice Milling Co.
Hammett, George Robert, B. E.,	726 Broadway
Hammett, William Bernard,	726 Broadway
Hannan, (Miss) Anna T.,	Krauss Co., Ltd.
Hardie, Harry, B. A.,	New Orleans Can Co.
Harris, (Miss) Evan Shelby,	New England Mutual Life Ins. Co.
Harrigan, Daniel,	Jos. Chalona Co.
Hartman, Reuben Edwin,	E. Z. Opener Bag Co.
Healy, John,	New Orleans Railway & Light Co.
Heidenheim, Milton,	7211 St. Charles
Hepler, John Joseph,	Grunewald Hotel
Hester, (Miss) Harrison Palmer,	1524 Fourth
Hicks, Hunter Carr,	United Fruit Co.
Higgins, William L.,	Commercial National Bank
Highlands, William Bodine,	Southern Pine Emergency Bureau
Hildebrand, William Charles,	Hibernia Bank & Trust Co.
Hinekley, Norbert Bernard,	Hibernia Bank & Trust Co.
Hirigoyen, Jean Raymond,	Salado, Honduras
Hirsch, Nathan,	B. Rosenberg & Sons
Hoffman, Wade Hampton,	Whitney-Central National Bank
Hogan, Charles William,	Interstate Trust and Banking Co.
Hoth, (Miss) Ethel Alvina,	Yochim Bros. Co., Ltd.
Howerton, Eugene J.,	Crescent City Carbonate Co.
Husson, Henry Clarence,	United States Department of Commerce
Hutson, Henry L., B. S.,	A. M. Lockett & Co., Ltd.
Ingles, (Mrs.) M. L.,	Maison Blanche Co.
Innecken, Henry L.,	J. H. Burton & Co.
Insinger, John William Albert,	Greeley, Colorado
Irwin, Leon, Jr.,	1305 Carrollton
Jackson, James Norcom,	Standard Warehouse
Jackson, Samuel Douglas,	A. M. Lockett & Co., Ltd.
Jones, George Emmet,	Metropolitan Bank
Junker, Charles Adam,	Whitney-Central National Bank
Junker, Ronald Frederick,	Commercial Trust & Savings Bank
Kahn, Jake Lewis,	Pensacola, Fla.
Kammer, Harry Charles,	Commercial Trust & Savings Bank

Kavanagh, (Miss) Kathleen,	Esplanade Avenue High School
Kay, Cullom Wells,	Whitney-Central National Bank
Kellner, William E.,	Fernwood Lumber Co.
Kelly, George Francis,	Lake Charles, La.
Kelly, Richard Joseph,	Commercial Trust & Savings Bank
Kemp, (Miss) Rodney,	La Salle School
Kennair, Thomas B.,	Hibernia Bank & Trust Co.
Kenney, R. P.,	New Orleans Post Office
Kenny, Joseph J.,	Commercial Trust & Savings Bank
Kerrigan, Thomas Fannel,	Hammond, La.
Klein, Louis Frank,	Canal Bank & Trust Co.
Klotter, Frederick Albert,	Gibbens-Finney-Gordon Co.
Klotter, Rudolph G.,	Interstate Trust and Banking Co.
Kock, Edward James,	Whitney-Central National Bank
Kohlmann, Leon Lazarus, A. B.,	1544 State
Krebs, (Miss) Katherine Sheridan,	1211 Eighth
Krumpelmann, Ernest,	A. M. Lockett & Co., Ltd.
Labouisse, John Peter, B. S., M. E.,	823 Union
Lagarde, Charles S.,	Banker's Loan & Securities Co.
Laguens, D. Peter, Jr.,	United Warehouse Co., Ltd.
Lamberton, Charles A., Jr.,	Standard Oil Co.
Lamers, (Miss) Alvina T.,	American Cotton Oil Co.
Lapeyre, Andre Charles,	1725 Esplanade
Lassus, (Miss) Cecile Marie,	Orleans Cotton Mills, Inc.
Lauman, Percy James,	The Texas Oil Co.
Laumann, Lawrence W.,	Commercial Trust & Savings Bank
LeBreton, Edward Francis,	Canal Bank & Trust Co.
Lemle, Louis G.,	3413 St. Charles
Leonhard, Edmund Joseph,	Metropolitan Bank
Leumas, Marcel Joseph,	Interstate Electric Co.
Leverich, (Miss) Mary Irvine,	1438 Louisiana
Levy, (Miss) Lucile Weil, B. A.,	1700 Robert
Levy, Frank L.,	Equitable Life Assurance Society
Logan, Martin Joseph,	Brooks-Scanlon Co.
Long, Nicholas Joseph, Jr., B. S.,	N. J. Long
Longtin, Francis N., A. B.,	Krauss Bros. Lumber Co.
Lorio, Philip D.,	Perry & Buckley Co.
Ludwig, Edward Boland, B. Arch.,	5249 Camp
Lund, (Miss) Nettie Hathorn,	D. H. Holmes Co., Ltd.
Maddux, Neville Watts,	Aug. Salaun, Jr.
Maloney, James M.,	New Orleans Electrical Exchange

Malloy, Edward Timothy,	Jahneke Shipbuilding Corporation
Malloy, John Randolph,	Hibernia Bank & Trust Co.
Mangan, Carl John,	Streckfus Steamboat Line
Mangiaracina, John, Jr.,	Interstate Trust and Banking Co.
Martin, (Miss) Cecilia,	Maginnis Cotton Mills
McCay, Percy Luzenberg,	1204 Race
McCrackan, George Bussy,	Maginnis Cotton Mills
McCutchon, Edward Davis, A. B., B. B. A.,	4020 Prytania
McFaul, Louis William,	Canal Bank & Trust Co.
McGawley, (Miss) Mae L.,	Pan-American Life Insurance Co.
McGrath, (Miss) Madge,	Maison Blanche Co.
Mellinger, George M.,	New Orleans National Bank
Messersmith, William Winthrop,	Commercial National Bank
Metcalf, Herbert Collins,	C. S. Mathews
Metzger, D. Ross,	Metropolitan Life Insurance Co.
Minderman, Herman,	Electrical Supply Co.
Moeller, (Miss) Helena Henriette,	Commercial Trust & Savings Bank
Moise, Frank Vaughn,	Whitney-Central National Bank
Molony, (Miss) Alice Jessie,	La Salle School
Monasterio, Juan M.,	Canal Bank & Trust Co.
Monroe, Joseph Percy,	Whitney-Central National Bank
Morse, James Johnston,	2812 State
Morse Stanley Fletcher,	Stanley F. Morse
Mottram, Harold Charles, B. A.,	Penick & Ford, Ltd.
Mouldoux, Edouard E.,	Canal Bank & Trust Co.
Moynan, William H.,	Louisiana Red Cypress Co.
Mugnier, Emile A.,	W. E. Taylor Co.
Murphy, (Miss) Cornelia,	Robert E. Lee School
Murphy, (Miss) Ellen L.,	J. P. Benjamin School
Murphy, (Miss) Katherine Mary,	Barnes Electric Construction Co., Ltd.
Muth, Frank Amende, B. E.,	Lighthouse Service
Naasson, (Miss) Fannie,	Mente & Co.
Nelson, Bernard Stanley, B. E.,	A. M. Lockett & Co., Ltd.
Newman, Edgar Kirk,	Trans-Mississippi Terminal Railroad Co.
Newell, George Elmer,	Firestone Tire & Rubber Co.
Nicholls, (Miss) Louise Elizabeth,	Pan-American Life Insurance Co.
Nichols, Richard F.,	Liverpool & London & Globe Insurance Co.
Noha, (Miss) O. M.,	Interstate Trust and Banking Co.
Nolan, Norris John,	Algiers Cornice & Plumbing Works



Nolan, James Michael,	Woodward, Wight & Co., Ltd.
Nusloch, George Henry,	Hibernia Bank & Trust Co.
Oberle, (Miss) Anna M. L.,	2120 Bienville
O'Day, Edward,	Pan-American Life Insurance Co.
Oser, Edmund Joseph,	Parker-Blake Co., Ltd.
Otis, John Joseph,	A. M. Lockett & Co., Ltd.
Palfrey, Robert J.,	New Orleans National Bank
Palmer, Edwin Michael,	Graham Paper Co.
Parlongue, Alexander Joseph,	Commercial Trust & Savings Bank
Pasquier, Joseph H.,	Home Builders Realty Co.
Patterson, Joseph Shewell, A. B.,	Whitney-Central National Bank
Pearce, Henry Munson,	National Life & Accident Insurance Co.
Pearson, Gilbert Charles,	Liverpool & London & Globe Insurance Co.
Penny, Lee Howell,	St. Bernard Cypress Co., Ltd.
Perkins, (Miss) Cora,	Esplanade Avenue High School
Pizanie, Emzy Louis,	Canal Bank & Trust Co.
Plauche, James J.,	New Orleans National Bank
Polmer, Samuel Cahlman,	Schriever, La.
Pons, Ralph Michael,	Godchaux & Mayer, Ltd.
Potin, Fred,	A. M. Lockett & Co., Ltd.
Power, Valentine T.,	New Orleans Post Office
Powers, (Miss) Georgia,	Interstate Trust and Banking Co.
Prevost, Harry,	2021 State
Prevost, Henry Clay, LL. B.,	520 Poydras
Prudhomme, Hadley,	Hibernia Bank & Trust Co.
Prudhomme, Raoul,	Canal Bank & Trust Co.
Rainold, (Mrs.) Frank E.,	1839 Calhoun
Ramos, Charles E.,	Abbott Automobile Co., Ltd.
Rareshide, Albert E.,	Liverpool & London & Globe Insurance Co.
Rauch, John Melville, B. S.,	Interstate Trust and Banking Co.
Redditt, H. J.,	Marwick, Mitchell, Peat & Co.
Regan, T. Vincent,	Whitney-Central National Bank
Regan, Thomas Francis,	Citizens Bank & Trust Co.
Remick, (Mrs.) Jesse C.,	1614 Valmont
Reynaud, Clarence Sidney,	Southern Cypress Manufacturers Association
Reynolds, Gordon Patrick,	Geo. S. Taylor & Co.
Richardson, (Miss) Louise,	American Red Cross
Riordan, (Miss) Angie Mary,	Dunbar Molasses & Syrup Co.
Rivet, (Miss) Anita Marie,	Louis J. Bright
Rivet, Maurice Joseph,	Commercial Trust & Savings Bank

Robbert, Albert August,	C. T. Patterson Co., Ltd.
Robertson, Florence Alonzo,	Gulf Refining Co.
Rugan, (Miss) Gethyn Ball, B. A.,	D. H. Holmes Co., Ltd.
Rumfola, V. Jack,	S. Pfeifer & Co.
Russell, (Mrs.) Lucy P.,	State Department of Conservation
Ryan, (Miss) Harriet Anne,	1304 Louisiana
Salaun, Edwin J.,	A. M. Lockett & Co., Ltd.
Scheuermann, Joseph Leonhard,	522 Fern
Schneider, George E.,	Illinois Central Railroad
Schoenhardt, Enno August,	Herman Loeb
Schoenhardt, John Henry,	Whitney-Central National Bank
Schonekas, John Joseph, Jr.,	Canal Bank & Trust Co.
Scully, Armand Jules,	Dunbar Molasses & Syrup Co.
Seymore, John Maxwell,	Grunewald Hotel
Seymour, William D.,	614 South Peters
Shelton, Lawrence Augustus,	New Orleans Post Office
Shively, William Cushing,	Mortgage Securities Co.
Simmons, (Miss) Jessie,	Hardin Bag Co.
Simms, Ralph,	Bankers Loan & Securities Co.
Sitges, Percy Henry, A. B.,	Interstate Trust and Banking Co.
Slovenko, Julius, B. E.,	Tulane University
Smith, Melville Chris,	Whitney-Central National Bank
Sparling, E. Earl,	Oklahoma City, Okla.
Spitzfaden, Adolph, Jr.,	Commercial Trust & Savings Bank
Splan, Harold A.,	The White Co.
Stern, Henry,	Stern's Auction Exchange
Stevens, Russell, Jr.,	Whitney-Central National Bank
Stout, (Mrs.) Percy,	2411 Napoleon
Stratton, George G., Jr.,	J. Watts Kearny & Sons
Sturtevant, George Taylor,	Standard Oil Co.
Swartzkopf, Louis Leroy,	5342 St. Charles
Taylor, (Miss) Margaret,	Esplanade Avenue High School
Teissier, Louis G., A. B., A. M., LL. B.,	Mutual Life Insurance Co. of New York
Thibodaux, Oscar J.,	City Bank & Trust Co.
Thomas, Charles S.,	National Life & Accident Insurance Co.
Thompson, Louis P. D.,	Commercial Trust & Savings Bank
Thompson, (Miss) Viola,	Interstate Trust and Banking Co.
Tonglet, William A. J., A. B.,	Interstate Trust and Banking Co.
Tonguis, Clifford Oscar,	Williams-Richardson Co.
Torre, Joseph Jean, B. E.,	2257 Bayou Road

Tricou, Rene J. C.,	W. R. Irby Branch of Liggett & Myers Tobacco Co.
Uzee, John C.,	Canal Bank & Trust Co.
Valadie, Leon Louis,	Edward Chassaniol
Vetter, J. J.,	St. Bernard Cypress Co., Ltd.
Viavant, Jules,	The American Sugar Refining Co.
Volker, Louis Edward,	Interstate Trust and Banking Co.
Voorhies, Jean S.,	Bankers Loan & Securities Co.
Wagner, Joseph I.,	Liverpool & London & Globe Insurance Co.
Wakeman, Joseph Atkinson,	Alexandria, La.
Wakeman, Lewis Farrington,	2928 Berlin
Walker, J. Mort,	Commercial Trust & Savings Bank
Wallace, Henry Williams, Jr.,	Camden, Ala.
Walt, E. J.,	Commercial Trust & Savings Bank
Walter, Edward Fay,	Winnsboro, La.
Ward, Charles Pierce,	Montgomery-Ward & Co.
Watson, John Rudolph, C. E.,	Schumert-Warfield-Watson, Inc.
Weigel, George Edward,	Nelson Creamery Co.
Weil, John Nathan,	Alexandria, La.
Westerfield, James Randolph, Jr.,	National Box Co., Inc.
Wight, John Alfred,	Hugo, Okla.
Wilkinson, Edward Miles,	Westfeldt Bros.
Wilkinson, Philip Harding,	Hibernia Bank & Trust Co.
Williams, Raleigh Joseph,	Morgan, Louisiana and Texas R. R. & S. S. Co.
Wilson, J. A. M.,	Albert Mackie Co.
Winsberg, Herman,	Thibodaux, La.
Wolff, Allan L., B. E.,	Lane Cotton Mills
Wolford, Waldo W.,	Hibernia Bank & Trust Co.
Wraight, Percival,	Commercial National Bank
Zibilich, Anthony Michael, A. B., B. E.,	520 Spain

## COURSES FOR TEACHERS (EXTENSION)

Adams, Margaret Cynthia,	3424 St. Charles
Ahréns, Ruth,	1322 Seventh
Alexander, Miriam Caperton,	2328 Coliseum
Bechtel, Edward Ambrose,	7106 Elm
Boissonneau, Berthe,	342 Pine
Brown, Marion,	1737 Jackson
Burgis, Florence,	528 Bouny
Casteix, Jeanne Leonie,	3106 Canal
Chamberlain, Izanna Leland,	Des Moines, Ia.
Chunn, Olive,	2045 Coliseum
Cohen, Louise Granger,	5010 Freret
Coleman, Ethel Margaret,	1721 Jena
Collins, May Agnes,	1129 Arabella
Cooley, Emma Pritchard,	3218 St. Charles
Corban, Olive Leonie,	412 State
Cox, Helen Adele,	Gretna, La.
Davis, Willia,	2532 Chestnut
Dillon, Catherine Bernardette	4145 Cleveland
Doerr, Loretto Rose,	4008 Canal
Drysdale, Hazel,	2203 Marengo
Dube, Karl E.,	225 S. Telemachus
Dutrey, Sylvia Cecilia,	1813 Magazine
Dyer, Eugenia,	2715 Carondelet
Eberle, Pearl,	1623 Polymnia
Echezabal, Josephine Roumouldo,	2318 Ursulines
Ferran, Martha Marie,	930 N. Broad
Finney, Mary Louise,	1328 Aline
Fischer, Nellie,	2711 Calhoun
Friedrichs, Louise Isabel,	733 Austerlitz
Forno, Dora Magdalene,	7924 Jeannette
Gahan, William Joseph,	124 N. Broad
Geoffrey, Jacob Reuben,	1820 Peters
Gough, May,	2125 Bienville
Hans, Mrs. John O.,	1931 Calhoun
Hansen, Sophie Mathilde,	1633 Carondelet
Harzen, Esther,	5220 Constance
Hay, Mrs. Florence Wattson,	2427 Camp

Hildebrandt, Josephine Elisabeth,	3650 Constance
Hoerner, Mrs. John H.,	2022 S. Carrollton
Huger, Emily Hamilton,	1628 State
Jones, Mrs. Caroline Merrick,	6110 Marquette Place
Jones, Gladys,	2138 S. Franklin
Judge, Alice M.,	2820 Napoleon
Kennedy, Anna Frances,	2725 St. Claude
Kinabrew, Letitia,	1705 Peters
Koch, Julie Frotscher,	2621 Coliseum
Kumpfer, Marie Fredericka,	2708 Calhoun
LeBreton, Mrs. Dagmar Renshaw,	741 Esplanade
Leclere, Virginia Victoria,	1448 Moss
LeJeune, Michael Clay,	2018 Peters
McCall, Mrs. Lilia Kennard,	1621 Second
McConnell, Margaret Neilson,	1586 Calhoun
McGehee, Louise Schaumburg,	5524 Garfield
Magendie, Estelle L.,	731 Dauphine
Martin, Reine,	1238 Pleasant
Martinez, Mrs. Lelia Perry,	57 Neron Place
Miles, Mary Newman,	1925 Berlin
Miller, Ruby Amy,	1831 Peters
Moerbe, Paul Gerhardt,	1531 Conery
Mohr, Marie Elise,	133 S. Claiborne
Monroe, Marion,	1331 Philip
Moore, Mrs. Catherine Rainey,	3219 Coliseum
Navarre, Beulah Mary,	2222 Camp
O'Rourke, Mrs. Charles Harrison,	3440 Coliseum
Pareti, Angeline,	619 Bourbon
Parker, Lillian Florence.	2901 Prytania
Pebeck, Katherine,	Gretna, La.
Penick, Mrs. Harry,	624 Lowerline
Preston, Mrs. Ellie Morris,	1541 Seventh
Puderer, Fredericka,	526 Cadiz
Rayl, Adrienne,	2803 St. Claude
Raymond, Frances Sprigg,	1444 State
Riedel, Ernest Henry,	7524 Commercial
Sansum, Mrs. Cornelia Dean,	1636 Constantinople
Scruggs, Virginia Lee,	2802 Magazine
Shallenberger, Mrs. Grace,	2222 Upperline
Sheerer, Mary Givens,	2901 Prytania
Spencer, Dorothy,	3222 Coliseum

Stauffer, Mrs. Isaac Hull,	1015 S. Carrollton
Thomas, Josephine Cecilia,	4512 Baudin
Verret, Louise,	1025 St. Peter
Walker, Viola Mary,	708 N. Jeff. Davis Parkway
Wallbillich, Eleonora,	1431 St. Claude
Walsh, Jennie Phoebe,	2739 Aubry
West, Mrs. Ethelyn Dale,	1566 Webster
Williams, Margaret Mary,	816 Second
Wischan, Caroline Sarah,	2721 St. Philip
Young, Althea,	1840 Upperline

## GENERAL SUMMARY

### OFFICERS OF INSTRUCTION AND ADMINISTRATION

#### INSTRUCTION:—

President.....	1
Professors (Emeritus) .....	6
Professors.....(13*).....	99
Clinical Professors.....	5
Associate Professors.....	5
Assistant Professors.....(7*).....	39
Demonstrators and Asssitant Demonstrators....(10*).....	30
Lecturers.....	11
Instructors and Assistant Instructors .....	57
Clinical Assistants.....(10*).....	41
Physical Director, and Military Instructor .....	2
Supervisors of Art and Musical Practice .....	2
Assistants and Teaching Fellows .....	19
Student Assistants.....	12
(51*)	— 329

ADMINISTRATION... .. 45

### STUDENTS

#### COLLEGE OF ARTS AND SCIENCES:—

Senior Class.....	13
Junior Class.....	15
Sophomore Class.....	39
Freshman Class.....	63
Special Students.....	11
Pre-Medical Students.....	32
Partial Students (Registered in other Departments).....	22
	— 195

#### COLLEGE OF TECHNOLOGY:—

Senior Class .....	22
Junior Class .....	20
Sophomore Class.....	28
Freshman Class.....	59
Special Students.....	4
	— 133

#### H. SOPHIE NEWCOMB MEMORIAL COLLEGE:—

Senior Class .....	62
Junior Class .....	69
Sophomore Class .....	113
Freshman Class .....	138
Special Students.....	15
Graduate Art .....	10
Art Craftsmen .....	10
	— 417

\*Absent on leave on Military or Naval Duty.

# GENERAL SUMMARY

443

GRADUATE DEPARTMENT..... 23

## COLLEGE OF LAW:

Third Year Students .....	15
Second Year Students.....	5
First Year Students .....	22
First Year Students (Four Year Course).....	6
Special Students.....	5
Unclassified .....	3
	<hr/> 56

## SCHOOL OF MEDICINE:

Fourth Year Students.....	67
Third Year Students.....	69
Second Year Students.....	78
First Year Students .....	67
Special Students.....	8
Pre-Medical Students: Second Year.....	5
First Year .....	27
	<hr/> 321

GRADUATE SCHOOL OF MEDICINE..... 205

## SCHOOL OF DENTISTRY:

Senior Class .....	25
Junior Class.....	22
Freshman Class .....	16
	<hr/> 63

## SCHOOL OF PHARMACY:

Second Year Students.....	4
First Year Students .....	5
	<hr/> 9

SCHOOL OF HYGIENE AND TROPICAL MEDICINE... 1

## COLLEGE OF COMMERCE AND BUSINESS

ADMINISTRATION..... 385

COURSES FOR TEACHERS..... 88

Total..... 1896

LESS: Names counted twice..... 107

Total..... 1789

## SUMMER SCHOOL, 1917:

Normal School .....	1065
Medical School.....	78
	<hr/> 1143

Grand Total..... 2932



## **DEGREES AND DIPLOMAS, 1918**

---

### **DEGREES CONFERRED**

#### **DOCTOR OF LAWS**

George Soule

---

#### **MASTER OF ARTS**

Ernest Oscar Becker

Flora Mary Dawson

John Smith Kendall

Katherine Carr O'Meara

Caroline Sidonie Pfaff

Lillie Richardson

Theodora Duval Sumner

---

#### **ELECTRICAL ENGINEER**

Louis Theodore Frantz

---

#### **MECHANICAL ENGINEER**

Edward William Thomson

---

#### **BACHELOR OF ARTS**

Walter Carroll

Horace Sidney Chenet, Jr.

Leon Lazarus Kohlmann

Edward Davis McCutcheon

Edwin Feibleman Marx

Nemours Henry Nunez, Jr.

John Richard Moore

Arthur Browne Simpson

Daniel Webster Stewart, Jr.

Edmond Earl Talbot

---

Coralie Schaefer Aschaffenburg

Katherine Caffery

Dewey Susie Celestin

Magda Chalaron

Miriam Regina Delchamps

Mercedes Clotilde Discon

Virginia Amelia d'Ornellas

Yvonne Dreyfus

Marguerite Butler Ellis

Hazel Roberta Hafkesbring

Ruth Heller

Harriett Howell

Jeanne Agnes Langhetee

Lucile Marie Lombard

Mathilde Amelia Nairne

Marcelle Martinet Peret

Alice Athenia Rightor

Corinne Marie Rocquet

Yvonne Holly Ross

Gethyn Ball Rugan

Nathalie LeBeuf Settoon

Emma Marion Shropshire

Julia Gorham Streater

(As of Class of 1897)

Ida Jungle  
 Rose Kahn  
 Genevieve Isabel Lamberton  
 Alice Rives Landon

Margaret Weeks  
 Cecile Marie Wogan  
 Frankie Eliza Wood

---

#### BACHELOR OF ARTS IN EDUCATION

Nell Williams Colbert  
 Estelle Virginia Cottman  
 Inez Marie Cotonio  
 Francis Marion Covington  
 Isabelle Walburga Joachim  
 Amelia Levy

Viola Frances Lund  
 Mary Virginia Parker  
 Gethyn Ball Rugan  
 Margaret Adolpha Sharp  
 Bianca Socola  
 Myrtis Lea Wheelless

Marion Brown  
 Frank James Desmond  
 Loretto Rose Doerr  
 Dora Magdalene Forno  
 Lillian Lucile Fortier

Letitia Kinabrew  
 Ellie Morris Preston  
 Susan Dorothy Thompson  
 Mariah Duffy White

---

#### BACHELOR OF SCIENCE

Jeremiah Thomas Morrill

Garvin Dennis Shallenberger  
 (As of Class of 1917)

---

#### BACHELOR OF MUSIC

Charlotte Galleher Sessums

---

#### BACHELOR OF ENGINEERING

(IN MECHANICAL-ELECTRICAL COURSE)

George Robert Hammett  
 James Clarence Hirsch  
 Errol Edward Kelly  
 Joseph Paul Maguire

Roy Eugene Mevers  
 James Mulherrin Todd  
 Leo Henry Ujffy  
 Raoul James Vallon

(Conferred May 6, 1918).

(IN CIVIL ENGINEERING COURSE)

Solomon Finkelstein  
 Eugene Cenas Graveley  
 Julius Slovenko

Frank Albert Turner  
 Anthony Michael Zibilich

(IN CHEMICAL ENGINEERING COURSE)

Miguel Ciriaco de Arango  
 Eugene Nicholas Ehrhart  
 Edward Alvin Gastrock

Kenneth McLeod  
 Joseph Jean Torre

## BACHELOR OF ARCHITECTURE

Cedric Errol Barron  
Benjamin Joseph Dulany

Edward Boland Ludwig  
Alberto Jesus Ramirez

## BACHELOR OF LAWS

(IN THE LOUISIANA LAW COURSE)

George Abel Dreyfous  
George Joel Ginsberg  
Philip Augustin Miller  
Edgar Taylor Morris  
Aubrey Mackay Pyburn

Eugene Davis Saunders\*  
James Dudley Simon, Jr.  
Samuel Adams Trufant, Jr.  
Herbert Schwartz Weil

\*Diploma withheld until age of twenty-one is attained.

## DOCTOR OF MEDICINE

John Charles Adams  
DeWitt Talmage Allred  
William Henry Anderson  
Herbert Leo Barbour  
James Bailey Black  
Thomas Nathaniel Black, Jr.  
Harold Abel Bloom  
Lawrence Arthur James Brennan  
Milton Louis Brenner  
Joseph Patrick Brown  
Albert Frank Burgis  
Carey Cheek  
Sam Charles Cohen  
Francis Allen Copp  
Cora Zetta Corpening (Miss)  
Reginald Francis Cox  
Barney Alexander Credille  
Hugh Leo Dwyer  
Edmond Lawrence Faust  
Frederick Leonard Fenno  
Otto Leon Freeman  
Andrew Vallois Friedrichs  
Alfred Canthen Gage  
Frank Henry Hagaman  
George Gardner Hampton  
Elmer Harry Hansen

Joseph Pink Harris  
Frank Chavigny Hava  
Julius Emanuel Isaacson  
Harry Breckenridge Jacobson  
Harry Dare Jerwick  
Earl Jones  
Harry Jack Kellum  
Robert Stanley Kemp  
Roger Edmond Knolle  
Paul Arthur LeBourgeois  
Charles Williams Lewis  
Clarence Alberic Lorio  
Robert Theodore Lucas  
Douglas Culpepper McBride  
Porter Mixon  
Stafford Henry Nothacker  
Duncan Parham  
Edward Stanley Peterman  
Albert Baldwin Pitkin  
Irvin Pope, Jr.  
John Hunter Pope  
Robert Hollingsworth Potts  
Carroll Monroe Pounders  
Ellis Powell  
Urbano Ramirez  
James Calhoun Rice

James Davidson Rives  
Enrique Alberto Rodes  
Theophilus Erksine Ross, Jr.  
Millard Lieser Smith  
Archie Jackson Stacy  
Dowling Bluford Stough, Jr.

William Cecil Tisdale  
Leo Willard Tucker  
Martin Thomas Van Studdiford, Jr.  
Charles Henry Voss  
Alvaro Arturo Yznaga

---

#### GRADUATE IN PHARMACY

Reita Christine Jackson (Miss)      Lawrence Joseph McCune  
Marie Greer McComiskey (Miss)      George Dewey Woodford

---

#### DOCTOR OF PUBLIC HEALTH

Charles Pinckney Bull, Jr.      Stafford Henry Nothacker,  
Hugh Leo Dwyer

---

#### DOCTOR OF DENTAL SURGERY

James William Andrews	Herbert Henry Meyer
Joseph Frank Bertucci	Theophile Meerschaert O'Ferrall
Thomas Grey Biggs	Abelardo Rodriguez Rey
Joseph Tamburo DeBella	Fernando Rodriguez Rey
Earl George Eastin	Henry Lee Robinson
Haim Gittelman	John Bailey Robinson
Marion Fahy Jarrell	Aldes Rozas
John Benjamin Lescale	Wilbur Douglas Trelle
Robert Stephen McKeithen	George Alfred Warner
Henry L. Magee	Oscar Adrian Wolfe
Marian Sidney Mayer	

---

#### BACHELOR OF BUSINESS ADMINISTRATION

Edward Davis McCutcheon

---

#### DIPLOMA IN ART

Eunice Baccich	Harrison Palmer Hester
Emma Clare Bancroft	Emily Langham
Dorothy Leota Blakely	Emeline Marie Robert
Miriam Martha Danziger	

**MEDALS AND AWARDS, 1918**

The Judah Touro Medal for Latin, to John Richard Moore.

The Carnot Medal for Debate, to Harold Weil Newman, Jr.

The Mary L. S. Neill Medal, to Dorothy Lee Fowler.

The Fannje Estelle Holley Memorial Prize, to Dorothea Marceline Hagen.

The Class of 1909 Public Spirit Prize, to Katherine Caffery.

The Jennie C. Nixon Prize, to Margherita Judicia Cotonio.

# INDEX

- Academic-Law Course**, 96, 100, 297.  
**Academic-Medical Course**, 96, 100, 324.  
**Administrators. Board of**, 8.  
     Committees of, 8.  
**Admission—Requirements for**, 44.  
     to Arts and Sciences, 44, 46, 89.  
     to Technology, 44, 46, 125.  
     to Newcomb College, 44, 46.  
     to Graduate Department, 268.  
     to College of Law, 48, 296, 297.  
     to School of Medicine, 47, 322.  
     to Grad. School of Medicine, 342.  
     to School of Dentistry, 47, 349.  
     to School of Pharmacy, 47, 357.  
     to School of Hygiene and Tropical  
         Medicine, 364.  
     to College of Commerce and Busi-  
         ness Administration, 48, 380.  
**Affiliated Schools, List of**, 59.  
**Algebra**, entrance, 50.  
**Alumni Associations**, 85.  
**Alumni Fellowship**, 64.  
**Alumni Scholarships**, 65, 68.  
**Anatomy**, 275.  
     entrance, 59.  
**ARCHITECTURE AND ARCHITEC-  
 TURAL ENGINEERING,  
 SCHOOL OF**, 168.  
**Architectural Eng. Course**, 169.  
**Architectural Scholarships**, 66.  
**Architecture. Course in**, 168.  
**Architecture, History of**, 175.  
**Architecture, Theory of**, 176.  
**Art**, 201, 276.  
     entrance, 57.  
**Art Museums**, 77.  
**ART, SCHOOL OF**, 236.  
**ARTS AND SCIENCES, COLLEGE  
 OF**, 87.  
     **Academic-Law Course**, 96, 100, 297.  
     **Academic-Medical Course**, 96, 100,  
         324.  
     **Admission to**, 46, 89.  
     **Advanced admission credits**, 90.  
     **Amount of work**, 92.  
     **Attendance**, 92.  
     **Committees**, 88.  
     **Conditions, Removal of**, 93.  
     **Courses of Study**, 96.  
     **Courses, Outline of**, 97-99.  
     **Examinations**, 92.  
     **Faculty**, 87.  
     **Fees and expenses**, 90.  
     **Grades**, 92.  
     **Pre-Medical Courses**, 99, 323, 324.  
     **Probation**, 94.  
     **Registration**, 89.  
     **Scholarships**, 64.  
     **Scholarships, Forfeiture of**, 88.  
     **Special Students**, 89.  
**Assistance, Student help**, 84.  
**Astronomy**, 101, 225.  
**Athletic Field**, 18.  
**Athletics**, 82.  
**Bacteriology**, 288.  
**Baker, Mrs. Elizabeth Stone**, 19.  
**Baker Scholarships**, 67, 84.  
**Battle Abbey Scholarships**, 66, 67.  
**Bennett Loan Fund**, 17, 85.  
**Biology**, 101, 201, 276.  
     entrance, 55.  
**Board Scholarships**, 66.  
     forfeiture of, 68.  
**Botany**, 103, 277.  
     entrance, 55.  
**Bridge and Struct. Engineering** 153.  
**Bruenn, Bernard**, 18.  
**Bryan, Mrs. W. J.**, 17.  
**Bryant, Mrs. Livia H.**, 17.  
**Buildings**, 62.  
**Bulletins, The University**, 81.  
**Business-Law Course**, 297, 384.  
**BUSINESS ADMINISTRATION,  
 COLLEGE OF COMMERCE  
 AND**, 375.  
**Calendar**, 7.  
**Callender, F. Walter**, 17.  
**Callender Laboratory**, 232.  
**Callender Scholarship**, 67.  
**Charity Hospital**, 318.  
**CHEMICAL ENGINEERING,  
 SCHOOL OF**, 161.  
**Chemical Eng. Course**, 157.

Chemistry, 104, 132, 163, 203, 277.  
entrance, 55.

City Scholarships, 65.  
forfeiture of, 68.

#### CIVIL ENGINEERING, SCHOOL OF, 151.

Civil Engineering, 280.  
Civil Engineering Course, 151.  
Classical Course, 96, 97.  
Classical Philology, 280.  
Class of '13 Fund, 17.  
Climatic conditions, 63.  
Clinical Instruction, 320.  
Commercial Law, 155.

#### COMMERCE AND BUSINESS ADMINISTRATION, COLLEGE OF, 375.

Admission to 48, 380.  
Business-Law Course, 297, 384.  
Certificates and Degree, 384.  
Course of Study, 383.  
Day Classes, 380.  
Faculty, 375.  
Fees, 381, 382.  
Guarantors, Board of, 376.  
Informal Talks, 380.  
Night Classes, 380.  
Registration, 383.

Committees of University Faculty, 42.

Conrad, Mrs. Charles A., 18.

Construction and Office Practice, 170.

Council, University, 42.

#### Courses of Study—

College of Arts and Sciences, 96.  
College of Technology, 139, 151,  
161, 168, 169.

Newcomb College, 188-199.

Graduate Department, 267.

College of Law, 300, 307.

School of Medicine, 326.

Graduate School of Medicine, 340.

School of Dentistry, 352.

School of Pharmacy, 358.

School of Hygiene and Tropical  
Medicine, 368.

College of Commerce and Business  
Administration, 375.

Degrees, 69.

Degrees and Diplomas Conferred, 444.

Deiler, J. Hanno, 17.

Delgado Memorial, 319.

Dentistry, N. O. College of, 15.

#### DENTISTRY, SCHOOL OF, 344.

Admission to, 47, 349.

Advanced Standing, 350.

Clinical Advantages, 348.

Conditions, Removal of, 350.

Examinations, 351.

Faculty, 344.

Fees, 353.

Grades, 350.

Graduation, Requirements for, 351.

Infirmary, 348.

Instruments, 351.

Promotion, 350.

Studies, Synopsis of, 352.

Descriptive Geometry, 141.

Design, 141.

Diplomas, 71.

Discipline, 82.

Domestic Art, 263.

Domestic Science, 262.

entrance, 58.

Dormitories, 77, 79.

Drawing, 108, 141, 166, 171.

entrance, 56.

Economics, 108, 205, 281.

Education, 205, 282.

Electrical Engineering, 143, 282.

Electrical Engineering Course, 139.

English, 110, 132, 207, 282.

entrance, 48.

Examinations, entrance, time of, 44.

Experimental Engineering, 145.

#### EXTENSION COURSES, 385.

Eye, Ear, Nose and Throat Hospital, 339.

#### Fees and Expenses—

College of Arts and Sciences, 90.

College of Technology, 126.

Newcomb College, 184.

Graduate Department, 292.

College of Law, 298.

School of Medicine, 331.

Graduate School of Medicine, 341.

School of Dentistry, 353.

School of Pharmacy, 361.

School of Hygiene and Tropical  
Medicine, 374.

College of Commerce and Business  
Administration, 381.

Fellowships, 63.

Forfeiture of Scholarships, 68.

Forge Work, entrance, 57.

- Foundation**, 9.  
**Foundry Work**, entrance, 56.  
**French**, 120, 173, 211, 291.  
     entrance, 52.  
**French Opera House**, 18  
**General Information**, 62.  
**Geology**, 111, 214.  
**Geometry**, entrance, 50.  
**German**, 112, 214, 284.  
     entrance, 52.  
**Gibson, Randall Lee**, 11, 16.  
**GRADUATE STUDIES, FACULTY**  
     OF, 267,  
     Admission to, 268.  
     Committees, 268, 292.  
     Courses, 275.  
     Degrees, 271.  
     Faculty, 267.  
     Fees and Expenses, 292.  
     Fellowships, 63.  
     General Statement, 268.  
     Graduation, Requirements for, 271  
**Greek**, 105, 217.  
     entrance, 51.  
**Gymnasium**, 136.  
**Harmony**, entrance, 57.  
**Harrod, Mrs. B. M.**, 18.  
**Harvard Scholarship**, 66.  
**Heat Engineering**, 145, 166, 174.  
**Hebrew**, 114, 285.  
**Hernsheim Scholarship**, 67.  
**Historical Statement**, 9.  
**History**, 114, 218, 285.  
     entrance, 53.  
**Honor Scholarships**, 65.  
     forfeiture of, 68.  
**Honor System**, 83.  
**Hospitals**, 319, 339.  
**Hospital Interns**, 321.  
**HOUSEHOLD ECONOMY, SCHOOL**  
     OF, 261.  
**Howard, Charles T.**, 11.  
**Huger Scholarship**, 68.  
**Hutchinson, Alex. C.**, 16.  
**Hutchinson Memorial**, 318.  
**Hydraulic Engineering**, 155.  
**Hygiene**, 227.  
**HYGIENE AND TROPICAL MEDICINE, SCHOOL** of, 363.  
     Admission to, 364.  
     Chaille Memorial Laboratory, 365.  
     Courses, Outline of, 368.  
     Degrees, 364.  
     Faculty, 363.  
     Fees, 374.  
     Hospital Facilities, 366.  
     Laboratories, 365.  
     Library, 366.  
     Museum, 367.  
     Non-Professional Courses, 367.  
     Professional Course, 368.  
**Interns, Hospital**, 321.  
**Italian**, 121, 232.  
**Kinematics**, 142.  
**Kohn Collection**, 76.  
**Laboratories**, 74.  
**Latin**, 107, 220.  
     entrance, 51.  
**Law-Academic Course**, 96, 100, 297.  
**Law-Business Course**, 297, 384.  
**LAW, COLLEGE OF**, 293.  
     Academic-Law Course, 96, 100, 297.  
     Admission to, 48, 296, 297.  
     Advanced standing, 297.  
     Business-Law Course, 297.  
     Common Law Group, 295.  
     Courses of Study, 300, 307.  
     Degrees, 299.  
     Expenses, 292.  
     Faculty, 293.  
     Fees, 298.  
     Four Year Course, 307.  
     Graduation, Requirements for, 299  
     History, of, 294.  
     Instruction, Scope of, 295.  
     Library, Donations to, 19.  
     Library, 74.  
     Louisiana Law Group, 295.  
     Purpose, 294.  
     Special Students, 297.  
     Study, Courses of, 300, 307.  
     Study, Methods of, 296.  
     Three Year Course, 300.  
**Libraries**, 73.  
**Library, Donations to Law**, 19.  
**Library Instruction**, 232.  
**Linton-Surget Hall**, 77.  
**Literary Course**, 96, 97.  
**Literary Societies**, 82.  
**Location**, 62.  
**McConnell, James**, 11.  
**Machine Design**, 142.  
**Machine Tool Practice**, entrance, 57.  
**Mathematics**, 116, 132, 147, 222, 287.



# **MECHANICAL AND ELECTRICAL ENGINEERING, SCHOOL OF, 139.**

Mechanic Arts, 148.  
Mechanical Engineering, 288.  
Mechanical Engineering Course, 139.  
Mechanics, 147.  
Medals, 71.

Medical-Academic Course, 96, 100, 324.

# **MEDICINE, SCHOOL OF, 310.**

Academic-Medical Course, 96, 100, 324.

Admission to, 47, 322.

Advanced Standing, 325.

Buildings, 318.

Charity Hospital, 318.

Clinical Instruction, 320.

Clinics, 319.

Condition Examinations, 329.

Conditions, Removal of, 327.

Course of Study, 326.

Delgado Memorial, 319.

Dormitories, 77, 334.

Examinations, 326.

Extern Service, 321.

Faculty, 310.

Fees, 331.

Graduation, Requirements for, 330

Hospital Interns, 321.

Hutchinson Memorial, 318.

Hutchinson Memorial Clinic, 319.

Instruction, Synopsis of, 326.

Libraries, 73.

Milliken Memorial, 319.

Pre-Medical Courses, 99, 323, 324.

Qualification Committees, 328.

Richardson Chem. Building, 318.

Richardson Memorial, 318.

Summer School of Medicine, 329.

# **MEDICINE, GRADUATE**

## **SCHOOL OF, 335.**

Admission to, 342.

Branches, Arrangement of, 340.

Certificates, 342.

Charity Hospital, 320.

Eye, Ear, Nose, and Throat Hos-  
pital, 339.

Faculty, 335.

Fees, 341.

Hutchinson Memorial, 318.

Libraries, 73, 342.

Mental Diseases. Hospital for,  
340.

Miles, Albert Baldwin, 1.

Miles, Miss Betty Beirne, 16.

Miles, Miss Margaret Linda, 16.

Military Training, 118, 135.

Milliken Memorial, 319.

Morris Scholarship, 67.

Municipal Engineering, 156.

Museums, 76, 77.

Music, 224.

# **MUSIC, SCHOOL OF, 245.**

Musical Appreciation, entrance, 58.

Musical Performance, entrance, 58.

Naval Architecture, 150.

Newcomb Alumnae Loan Fund, 85.

# **NEWCOMB COLLEGE, 177.**

Accredited Instructors, 181.

Admission to, 46.

Advanced Standing, 199.

Art, Course in, 193.

Art, School of, 236.

Art Museum, 77.

Callender Laboratory, 232.

College Courses, 188.

Committees, 179.

Concerts and Recitals, 259.

Conditions, College, 181.

Conditions, Entrance, 181.

Conservatory Advantages, 259.

Degrees and Diplomas, 188.

Domestic Art, 263.

Domestic Science, 262.

Dormitories, 79.

Education, Course in, 191.

Examinations, Schedule of, 180.

Faculty, 177.

Fees and Expenses, 184.

Household Economy, Course in,  
194.

\* Household Economy, School of,  
261.

Instruction, Courses of, 261.

Medals, 71.

Music, Course in, 196.

Music, School of, 245.

Prizes, 71.

Psychological Clinic, 234, 253.

Reports, 184.

Scholarships, 66.

Scholarships, Forfeiture of, 69.

Special Students, 200.

Studio Courses, 238, 248.

Newcomb, Mrs. Josephine L., 13.  
letter of, 14.

Newman, Mrs. Isidore, 19.

Night Classes, 380.

Odenheimer, Sigmund, 18.

Officers—

of Instruction, 21.

of Administration, 40.

Ordway, John M., 17.

Ornament, History of, 175.

Painting, History of, 175.

Pathology, 288.

Peabody Fellowship, 63.

Peabody, George Foster, 16.

Pharmaceutical Laboratory, 357.

Pharmacy, entrance, 59.

PHARMACY, SCHOOL OF, 356.

Admission to, 47, 357.

Advanced Standing, 358.

Course, Outline of, 360.

Courses of Study, 358.

Degrees, 357.

Examinations, 359.

Faculty, 356.

Fees, 361.

Graduation, Requirements for, 361.

Pharmaceutical Laboratory, 357.

Prizes, 362.

Philosophy, 117, 225, 288.

Physical Education, 227.

Physical Training, 118, 135.

Physics, 119, 136, 225, 289.

entrance, 54.

Physiography, entrance, 56.

Physiology, 290.

entrance, 55.

Political Science, 114, 218.

Polyclinic, N. O., 14.

Pre-Medical Courses, 99, 323, 324.

Prizes, 71.

Psychology, 116, 230, 290.

Psychological Clinic, 234, 253.

Public School Music, 247.

Railroad Engineering, 157.

Realization Day, 18.

Richardson Chair of Botany, 17.

Richardson, Mrs. Ida A., 15, 17, 19.

Richardson Memorial, 318.

Romance Languages, 120, 291.

S. A. C. W. Scholarships, 67.

Sanskrit, 280.

Scholarships, 64.

Forfeiture of, 68.

Scientific Course, 96, 98.

Self-Help, 84.

Slocomb Scholarship, 66.

Sociology, 108, 205, 281.

Spanish, 122, 234, 292.

entrance, 52.

Special Students—

in Arts and Sciences, 89.

in Technology, 126.

in Newcomb College, 200.

in College of Law, 297.

Stanley Thomas Hall, 17.

State Scholarships, 64.

Forfeiture of, 68.

Steam Boiler Design, 142.

Steam Engine Design, 142.

Student Organizations, 81.

Students—

Catalogue of, 389.

Summary of, 442.

Students' Aid Funds, 84.

Studio Courses, 238, 248.

Sugar Engineering, 161.

Summer Schools, 329.

Surveying, 158.

Symbol, 140.

Teachers, Courses for, 385.

Teachers, Free Tuition for, 68.

Teaching Fellowships, 64.

TECHNOLOGY, COLLEGE OF, 123.

Admission to, 46, 125.

Advanced Admission Credits, 126.

Architectural Eng. Course, 169.

Architecture, Course in, 168.

Attendance, 128.

Chemical Eng. Course, 161.

Civil Engineering Course, 151.

College Organization, 131.

Committees, 124.

Conditions, Removal of, 129.

Courses, General, 132.

Examinations, 128.

Faculty, 123.

Fees and Expenses, 126.

Grades, 128.

Lecturers, 124.

Mech.-Electrical Eng. Course, 139.

Probation, 130.

Registration, 125.

Scholarships, 64.

Scholarships, Forfeiture of, 68.

Special Students, 126.

Theses, 272, 274.

Thomas Hall, 17.

Thomas, Stanley O., 17.  
 Tilton, Mrs. Caroline S., 16.  
 Tilton Memorial Library, 16.  
 Trigonometry. entrance, 50.  
 Tulane, Paul, letter of, 11.  
 Tulane Scholarship, 66.  
 U. D. C. Scholarships, 67.  
 United Fruit Co., 15.  
 University Bulletins, 81.  
 University Council, 42.

## INDEX

University Press, 81.  
 Vincent, Wm. G., 18.  
 Weis Loan Scholarships, 84.  
 Wetmors Scholarship, 66.  
 Williams, Frank B., 18.  
 Woodward, Dr. Watson D., 17.  
 Wood-working, entrance, 56.  
 Young Men's Christian Ass'n, 83.  
 Young Women's Christian Ass'n, 83.  
 Zoology. entrance, 55.









**BULLETIN OF THE  
TULANE UNIVERSITY OF LOUISIANA  
PRINCETON, N. J.**

---

**VOL. 20**

**OCTOBER 1, 1919**

**NUMBER 13**

# **THE REGISTER**



**1918-1919**



---

Published monthly (except June, July and August, when published semi-monthly), by the Tulane University of Louisiana.

---

Entered August 6, 1906, at the Post Office at New Orleans, La., as second-class matter, under Act of Congress of July 16, 1894.

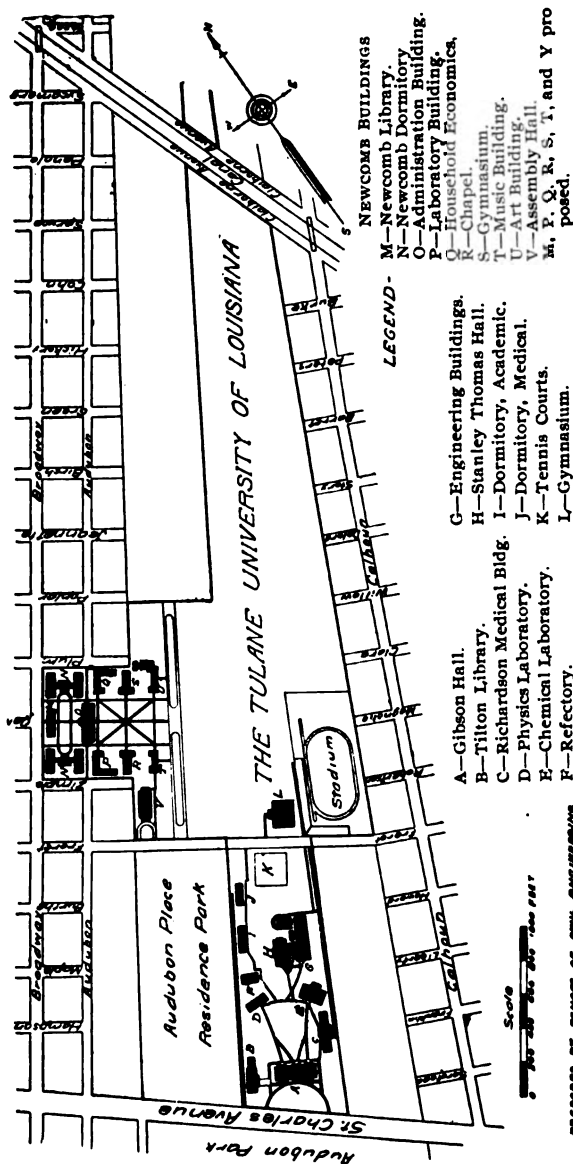


**LIBRARY OF PRINCETON UNIVERSITY**

Presented by

*Dulane University of  
Louisiana*





CAMPUS OF THE UNIVERSITY.

**THE TULANE UNIVERSITY OF LOUISIANA**

# **THE REGISTER**

---

**1918-1919**



## TABLE OF CONTENTS

	PAGE
CALENDAR . . . . .	7
BOARD OF ADMINISTRATORS . . . . .	8
HISTORICAL STATEMENT . . . . .	9
OFFICERS OF INSTRUCTION AND ADMINISTRATION . . . . .	22
REQUIREMENTS FOR ADMISSION . . . . .	45
GENERAL INFORMATION . . . . .	63
THE COLLEGE OF ARTS AND SCIENCES . . . . .	88
THE COLLEGE OF TECHNOLOGY . . . . .	120
THE H. SOPHIE NEWCOMB MEMORIAL COLLEGE . . . . .	185
THE FACULTY OF GRADUATE STUDIES . . . . .	280
THE COLLEGE OF LAW . . . . .	304
THE SCHOOL OF MEDICINE . . . . .	320
THE GRADUATE SCHOOL OF MEDICINE . . . . .	346
THE SCHOOL OF DENTISTRY . . . . .	354
THE SCHOOL OF PHARMACY . . . . .	365
THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION . . . . .	372
COURSES FOR TEACHERS . . . . .	382
TULANE SUMMER SCHOOL, 1919 . . . . .	383
CATALOGUE OF STUDENTS . . . . .	386
HOLDERS OF SCHOLARSHIPS . . . . .	441
STATISTICAL SUMMARIES . . . . .	445
DEGREES CONFERRED, 1918-1919 . . . . .	448
INDEX . . . . .	452

WITHDRAWN

6652  
6729  
13

DEC 17 1919

426926

CALENDAR, 1919.							1920.						
JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
.	.	.	.	1	2	3 4	.	.	1	2	3	4	5
5	6	7	8	9	10 11		6	7	8	9	10 11 12		
12	13	14	15	16	17 18		13	14	15	16	17 18 19		
19	20	21	22	23	24 25		20	21	22	23	24 25 26		
26	27	28	29	30	31	.	27	28	29	30	31	.	.
FEBRUARY							AUGUST						
.	.	.	.	.	.	1	.	.	.	.	.	1	2
2	3	4	5	6	7 8		3	4	5	6	7 8 9		
9	10	11	12	13	14 15		10	11	12	13	14 15 16		
16	17	18	19	20	21 22		17	18	19	20	21 22 23		
23	24	25	26	27	28	.	24	25	26	27	28 29 30		
.	.	.	.	.	.	.	31	.	.	.	.	.	.
MARCH							SEPTEMBER						
.	.	.	.	.	.	1	.	1	2	3	4	5	6
2	3	4	5	6	7 8		7	8	9	10	11 12 13		
9	10	11	12	13	14 15		14	15	16	17 18 19 20			
16	17	18	19	20	21 22		21	22	23	24 25 26 27			
23	24	25	26	27	28 29		28	29	30	.	.	.	.
30	31	.	.	.	.	.	.	.	.	.	.	.	.
APRIL							OCTOBER						
.	.	.	1	2	3	4 5	.	.	.	1	2	3	4
6	7	8	9	10	11 12		5	6	7	8	9 10 11		
13	14	15	16	17	18 19		12	13	14	15	16 17 18		
20	21	22	23	24	25 26		19	20	21	22 23 24 25			
27	28	29	30	.	.	.	26	27	28	29	30	31	.
MAY							NOVEMBER						
.	.	.	.	1	2	3	.	.	.	.	.	1	
4	5	6	7	8	9 10		2	3	4	5	6	7 8	
11	12	13	14	15	16 17		9	10	11	12	13 14 15		
18	19	20	21	22	23 24		16	17	18	19	20 21 22		
25	26	27	28	29	30	31	23	24	25	26	27 28 29		
.	.	.	.	.	.	.	30	.	.	.	.	.	.
JUNE							DECEMBER						
1	2	3	4	5	6	7	.	1	2	3	4	5	6
8	9	10	11	12	13 14		7	8	9	10	11 12 13		
15	16	17	18	19	20 21		14	15	16	17 18 19 20			
22	23	24	25	26	27 28		21	22	23	24 25 26 27			
29	30	.	.	.	.	.	28	29	30	31	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.	.	.
JANUARY							FEBRUARY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
.	.	.	.	.	1	2 3	1	2	3	4	5	6	7
4	5	6	7	8	9 10		8	9	10	11	12 13 14		
11	12	13	14	15	16 17		15	16	17	18 19 20 21			
18	19	20	21	22	23 24		22	23	24	25 26 27 28			
25	26	27	28	29	30	31	29	.	.	.	.	.	.
MARCH							APRIL						
.	.	1	2	3	4	5 6	.	.	.	.	1	2	3
7	8	9	10	11	12 13		4	5	6	7	8	9 10	
14	15	16	17	18 19 20			11	12	13	14	15 16 17		
21	22	23	24	25 26 27			18	19	20	21 22 23 24			
28	29	30	31	.	.	.	25	26	27	28	29	30	.
MAY							JUNE						
.	.	.	.	.	.	1	.	.	1	2	3	4	5
2	3	4	5	6	7 8		6	7	8	9	10 11 12		
9	10	11	12	13 14 15			13	14	15	16 17 18 19			
16	17	18	19	20 21 22			20	21	22	23 24 25 26			
23	24	25	26	27 28 29			27	28	29	30	.	.	.
30	31	.	.	.	.	.	.	.	.	.	.	.	.

## CALENDAR

1919-1920

---

[The college year is divided into two terms]

---

### 1919

Sept. 22	Monday	}	Entrance and Condition Examinations for all Colleges of the University.
Sept. 27	Saturday		
Sept. 29	Monday		Registration of New Students.
Sept. 30	Tuesday		Registration of Old Students.
Oct. 1	Wednesday		Instruction begins.
Nov. 1	Saturday		All Saints' Day. A holiday.
Nov. 27	Thursday		Thanksgiving Day. A holiday.
Dec. 23	Tuesday		Christmas holidays begin, 3 p. m.

### 1920

Jan. 5	Monday	University reopens, 8:30 a. m.
Feb. 2	Monday	Second Term begins.
April 2	Friday	Good Friday. A holiday.
June 9	Wednesday	University Commencement.



## BOARD OF ADMINISTRATORS

ROBERT MILLER WALMSLEY, President,	1313 <i>First Street</i>
WILLIAM RADCLIFFE IRBY, 1st. Vice-President,	914 <i>Canal St.</i>
CHARLES JANVIER, 2nd. Vice-President.	3326 <i>Prytania Street</i>
EDGAR HOWARD FARRAR, M.A.,	2209 <i>St. Charles Avenue</i>
WALTER ROBINSON STAUFFER,	1506 <i>Jackson Avenue</i>
HENRY GINDER,	1320 <i>Philip Street</i>
JOHN BAPTIST LEVERT, B. Sc.,	1530 <i>Third Street</i>
WALKER BRAINERD SPENCER, A. B., LL. B.,	3222 <i>Coliseum St.</i>
JOHN DYMOND, Jr., A. B., LL. B.,	2341 <i>Camp Street</i>
CHARLES ROSEN, A. B., LL. B.,	12 <i>Rosa Park</i>
ALFRED RAYMOND, B. S., M. E.,	1324 <i>Nashville Avenue</i>
ABRAHAM BRITTIN,	1448 <i>Fourth Street</i>
JOHN CALLAN, M. D.,	1712 <i>Baronne Street</i>
ERNEST LEE JAHNCKE, B. E.,	1823 <i>Palmer Avenue</i>
JOSEPH A. BREAU, LL. B.,	1728 <i>Canal Street</i>
MARCUS JOHN MAGRUDER, M. D.,	1230 <i>Louisiana Avenue</i>
ESMOND PHELPS, A. B., LL. B.,	1438 <i>Harmony Street</i>

### Ex Officio

RUFFIN G. PLEASANT.....	Governor of Louisiana
MARTIN BEHRMAN.....	Mayor of New Orleans
THOMAS H. HARRIS...	State Superintendent of Public Education

**Secretary and Treasurer of the Board:** L. André Wogan.

## COMMITTEES

**Finance Committee:** W. R. Irby, CHAIRMAN, A. Brittin, Henry Ginder, John B. Levert, Walter R. Stauffer,

**Real Estate Committee:** Charles Janvier, CHAIRMAN, Henry Ginder, John B. Levert, Charles Rosen, Alfred Raymond.

**Committee on Education:** Edgar H. Farrar, CHAIRMAN, Alfred Raymond, VICE-CHAIRMAN, Charles Rosen, Walker B. Spencer, John Dymond, Jr., John Callan, Joseph A. Breau, M. J. Magruder, Esmond Phelps.

**Committee on Rules:** Henry Ginder, CHAIRMAN, Charles Janvier, Walter R. Stauffer.

**Law Committee:** Charles Rosen, CHAIRMAN, Walker B. Spencer, Edgar H. Farrar,

**Tulane Advisory Committee:** John Dymond, Jr., CHAIRMAN, Alfred Raymond, Ernest L. Jahncke.

**Newcomb Advisory Committee:** Charles Rosen, CHAIRMAN, Charles Janvier, W. R. Irby.

**Medical Advisory Committee:** John Callan, CHAIRMAN, M. J. Magruder, John Dymond, Jr.

## ORGANIZATION

The Tulane University of Louisiana comprehends the following: the College of Arts and Sciences, the College of Technology, the H. Sophie Newcomb Memorial College for Young Women, the Faculty of Graduate Studies, the College of Law, the College of Medicine, and the College of Commerce and Business Administration. The College of Medicine includes the Schools of Medicine, Pharmacy, Dentistry, and the Graduate School of Medicine (Polyclinic). The College of Technology includes the Schools of Mechanical and Electrical Engineering, Civil Engineering, Chemical Engineering, and Architecture. The H. Sophie Newcomb Memorial College includes, in addition to the usual college course, the Schools of Art, Music, and Household Economy.

As now constituted, the Tulane University of Louisiana is the result of a contract entered into in 1884 by the State of Louisiana and the Board of Administrators of the Tulane Educational Fund. This contract placed the existing University of Louisiana under the perpetual care of the Tulane Administrators, with all its property, powers, privileges, immunities, and franchises, and with such other powers as might be necessary to enable them to "foster, maintain, and develop a great university in the city of New Orleans." By the act, No. 43 of the Session of 1884, making this contract, the name of the institution was changed to The Tulane University of Louisiana.

The starting point of the University of Louisiana was the organization of the Medical College of Louisiana, in September, 1834. This institution was chartered April 2, 1835; and in March, 1836, it issued the first degrees in medicine or science ever conferred in Louisiana or the Southwest. The state constitution of 1845 ordained as follows:

ART. 137. An University shall be established in the city of New Orleans. It shall be composed of four faculties, to wit: one of law, one of medicine, one of the natural sciences, and one of letters.

ART. 138. It shall be called the University of Louisiana, and the Medical College of Louisiana, as at present organized, shall constitute the faculty of medicine.

ART. 139. The Legislature shall provide by law for its further organization and government, but shall be under no obligation to contribute to the establishment or support of said University by appropriations.

The act of organization (Acts of 1847, No. 49), with some trifling changes, was re-enacted in 1855, and is substantially embodied in the revised statutes of 1856 and 1870.

The Law Department, now the College of Law, was organized under a plan adopted by the Board of Administrators on May 4, 1847.

In the years following the organization of the University, the legislature at different times made appropriations amounting in the aggregate to something over \$100,000 toward a building and equipment for the Medical Department, now the School of Medicine, but this sum was largely augmented by appropriations by the faculty from moneys received for tuition and by personal contributions.

An effort to inaugurate an academic department was made by the Administrators of the University at a meeting held June 1, 1847, when a committee was appointed "to report on the expediency of organizing the department of letters and natural sciences, and on the means that can be commanded to that effect." Since the legislature had provided no funds for the support of the University, it was suggested that funds be raised for the purpose; but the only practical results were donations of \$500 each by Glendy Burke, the first given to the Academic Department, and by Judah Touro. These funds were dedicated to the establishment of prizes in elocution and Hebrew; they are now largely increased by the accumulation of compound interest. About 1847 a small appropriation was obtained from the State, and an academic building was erected.

The department closed in 1859, and, the civil war intervening, no efforts were made for sixteen years to sustain an academic department. After the restoration of civil government in Louisiana in 1876, the newly appointed Board of Administrators determined to put in operation again the academic department so long contemplated. It was organized, and on November 4, 1878, it reopened its doors. The Board memorialized the constitutional convention of 1879, and, through its action, aid was given for the first time to the academic department. The constitution of 1879 contained the following provisions :

#### CONCERNING A STATE UNIVERSITY

Art. 320. The University of Louisiana, as at present established and located at New Orleans, is hereby recognized in its three departments, to wit : the law, the medical, and the academical departments, to be governed and controlled by appropriate faculties. The general assembly shall, from time to time, make such provisions for the proper government and maintenance and support of said State University of Louisiana, and all the departments thereof, as the public necessities and well-being of the people of the State of Louisiana may require, not to exceed \$10,000 annually.

Under this provision the legislature made an annual grant of \$10,000 until 1884, \$50,000 in all, when it was relieved from this obligation by its contract with the Administrators of the Tulane Educational Fund.

The Academic Department, thus recognized and modestly supported, made marked progress during the six years of its existence before

the Tulane Administrators took control. Besides its tuition fees and the appropriations from the State referred to above, it received a donation of \$1000 from Mr. Charles T. Howard, of New Orleans, for the equipment of the chemical department, and one of \$20,000 from Mr. Paul Tulane for the purchase of the building formerly known as Tulane Hall, in Dryades Street, the original home of the Academic Department. Nevertheless, the Academic Department was seriously handicapped for lack of funds; and its great development was not then possible.

The greatest epoch in the educational history of the State of Louisiana began with the donation by Paul Tulane, in 1882, of his New Orleans property for the higher education of "the white young persons in the city of New Orleans." Though at the time a resident of Princeton, N. J., Mr. Tulane had been for many years a merchant in New Orleans, where the foundation of his fortune was laid. He called in consultation Mr. James McConnell Sr., of New Orleans, his Attorney, and General Randall Lee Gibson, then United States Senator from Louisiana, and together they selected a board of trustees who incorporated themselves under the title of "The Administrators of the Tulane Educational Fund." To these Administrators, Mr. Tulane transferred the property which he desired to donate to educational purposes. Mr. Tulane indicated his plans in the following letter:

PRINCETON, May 2, 1882.

MESSRS. RANDALL L. GIBSON, CHAS. E. FENNER, JAMES MCCONNELL, T. G. RICHARDSON, M. D., EDWARD D. WHITE, E. H. FARRAR, P. N. STRONG, B. M. PALMER, D. D., HUGH MILLER THOMPSON, D. D., CHAS. A. WHITNEY, SAM'L H. KENNEDY, WALTER R. STAUFFER, CARTWRIGHT EUSTIS, HENRY GINDER, JOHN T. HARDIE, R. M. WALMSLEY, and WM. O. ROGERS.

GENTLEMEN: A resident of New Orleans for many years of my active life, having formed many friendships and associations dear to me, and deeply sympathizing with its people in whatever misfortunes or disasters may have befallen them, as well as being sincerely desirous of contributing to their moral and intellectual welfare, I do hereby express to you my intention to donate to you by an act of donation *inter vivos* all the real estate I own and am possessed of in the said city of New Orleans, State of Louisiana, for the promotion and encouragement of intellectual, moral, and industrial education among the white young persons in the city of New Orleans, State of Louisiana, and for the advancement of learning and letters, the arts and sciences therein, my intention being that the benefits shall be applied and expended in the city of New Orleans.

By the term education I mean, to foster such a course of intellectual development as shall be useful and of solid worth, and not merely ornamental or superficial. I mean you should adopt the course which, as wise and good men, would commend itself to you as being conducive to immediate practical benefit, rather than theoretical possible advantage. I wish you to establish or foster institutions of a higher grade of learning, where the young persons to be benefited shall, upon

due examination, be found competent and qualified for admission, both by age and previous training, to receive the benefits of a more advanced degree of educational culture.

Intellectual advancement should be unfettered by sectarianism, but the profound reverence I entertain for the Holy Scriptures leads me to express here the hope that the educational development intended by this gift should never antagonize, but be in harmony with, the great fundamental principles of Christian truth contained in them.

I express to you now my formal intentions in order to suggest to you the advisability, should you determine to aid me in my purposes, that you should take such steps as may be necessary under the laws of Louisiana to enable you to accept the donation when made, thus giving me the assurance that my purpose, when executed, will be carried out with fidelity and be rich in bountiful results.

The fact that property donated for educational purposes is at this time liable to taxation in the State of Louisiana has occasioned me much embarrassment, as I should like to feel that the citizens of the state, who are to be the beneficiaries of this donation, should enjoy its advantages to the full measure of the value of the property donated. There are other states whose laws do not, by taxation, repel such gifts in aid of education, whose wise example, I am assured, will be followed by the State of Louisiana and the City of New Orleans in this instance; and I earnestly urge that you make immediate effort to secure the exemption of this property from taxation, and be constant in so doing until your efforts are successful.

The character of the property donated is to remain unchanged. It can not be mortgaged, and it can not be sold nor encumbered in any way, except at the end of not less than fifty years, as hereinafter stated. Mortgaging it or selling it, and the investment of the proceeds in stocks, bonds, or other securities, might and probably would lead to disaster, owing to the uncertain and fluctuating nature of the value of securities of every description. On the other hand, the real estate, the title to which I intend to donate to you, is well located, and cannot fail to increase in value as the city shall become prosperous. You must keep the property well insured in solvent offices and in good repair, so that the best rental possible may be realized.

The plans and details of any organization, corporate or otherwise, must of necessity be left to your own judgment; but I desire to communicate to you my wishes in such manner as to enable you more fully to enter into the motives which impel me, thereby enabling you completely to enter into my thoughts and purposes.

Of course, whatever I may determine to donate to you, should you conclude to organize, will be (while leaving you the absolute owners of the property) with the object of enabling you, in your discretion, to use the revenues for the purposes already by me mentioned.

I suggest and recommend: (1) That in your organization, whatever form it may assume, my friend, Gen. Randall Lee Gibson, be your chairman or president, and that Judge Chas. E. Fenner and James McConnell may be vice-presidents or vice-chairmen. (2) That you provide for the filling of any vacancies in your number by death, resignation, or otherwise, by election. (3) That while my desire is that you shall continue my purpose for more than fifty years, nevertheless I would consider it no violation of those wishes should you, when organized, determine, after fifty years, no longer to perform the duties incident to the ownership of this property which I may donate, and the income of which I have expressed the desire that you administer as aforesaid. In that event, I suggest that you distribute the

property, or the proceeds from the sale thereof, among such educational or literary institutions, or for such educational purposes as you may determine, in the city of New Orleans, as are contemplated by this donation. (4) In order that there shall be no doubt in regard to my intentions, I will say it is not my desire to bind you to distribute the incomes or benefits of the fund or property to any particular school, college, or institution of learning, or to create any claim on the part of any school, college, or institution of learning to any distributive share; nor do I design to subject you collectively or individually to any responsibility to those intended to be benefited or to any individual responsibility of any sort for the management of the property and fund which may be by me donated.

I have entire confidence that you will carry out with wisdom, equity, and fidelity my expressed suggestions. It would be personally agreeable to me if you would retain the services of Mr. P. N. Strong, of New Orleans.

In order to prevent misapprehension, I desire to say you should, of course, make such disbursements as you may deem it fair to expend in the employment of any necessary agents or otherwise, and especially to keep the property well insured and in proper state of repair.

With devout gratitude to our Heavenly Father for enabling us to form these plans, and invoking His divine blessing upon you and your counsels, and upon the good work proposed among the present and future generations of our beloved Crescent City,

I remain, with great respect, your friend and humble servant,

PAUL TULANE.

Mr. Tulane's first donation of real estate was valued at about \$363,000. He subsequently made other donations, until the amount given by him reached the sum of \$1,050,000. It was his expressed intention to add largely to this sum; but, as he died without a will, these intentions were never carried out.

In 1884, the Board of Administrators of the Tulane Educational Fund received from the legislature of Louisiana (by Act 43, of that year) complete and perpetual control of the University of Louisiana and exemption from taxation of income producing property that might be acquired by the Tulane Administrators up to the amount of \$5,000,000. This act was ratified at a general election in April, 1888, and was later ratified in the Constitution of 1898. The status of the University as a state institution has thus been fully maintained.

In 1886, Mrs. Josephine Louise Newcomb, whose husband, Warren Newcomb, was formerly a highly esteemed sugar merchant of New Orleans, donated to the Tulane Educational Fund "the sum of \$100,000, to be used in establishing the H. Sophie Newcomb Memorial College, in the Tulane University of Louisiana, for the higher education of white girls and young women." In thus perpetuating the memory of an only child, Mrs. Newcomb enabled the Tulane Administrators to round out the ideal of a university by the creation

of an institution that would give to women all the educational advantages which had before been offered only to men. Mrs. Newcomb's letter of gift is as follows:

NEW YORK CITY, *October 11, 1886.*

MESSRS. RANDALL L. GIBSON, CHAS. E. FENNER, JAMES MCCONNELL, T. G. RICHARDSON, EDWARD D. WHITE, EDGAR H. FARRAR, P. N. STRONG, BENJAMIN M. PALMER, SAMUEL H. KENNEDY, WALTER R. STAUFFER, CARTWRIGHT EUSTIS, HENRY GINDER, JOHN T. HARDIE, ROBERT M. WALMSLEY, WILLIAM F. HALSEY, JOHN N. GALLEHER, JOSEPH C. MORRIS, SAMUEL D. MCENERY, WARREN EASTON, AND J. V. GUILOTTE, THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND.

GENTLEMEN: In pursuance of a long cherished design to establish an appropriate memorial of my beloved daughter, H. Sophie Newcomb, deceased, I have determined, at the instance of my friend, Col. William Preston Johnston, to intrust to your Board the execution of my design.

Feeling a deep personal sympathy with the people of New Orleans and a strong desire to advance the cause of female education in Louisiana, and believing also that I shall find in the board selected by the benevolent Paul Tulane the wisest and safest custodian of the fund I propose to give, I hereby donate to your Board the sum of \$100,000, to be used in establishing the H. Sophie Newcomb Memorial College, in the Tulane University of Louisiana, for the higher education of *white* girls and young women.

I request that you will see that the tendency of the institution shall be in harmony with the fundamental principles of the Christian religion, and to that end that you will have a chapel or assembly room in which Christian worship may be observed daily for the benefit of the students. But I desire that worship and instruction shall not be of a sectarian or denominational character. I further request that the education given shall look to the practical side of life as well as to literary excellence. But I do not mean in this my act of donation to impose upon you restrictions which will allow the intervention of any person or persons to control, regulate, or interfere with your disposition of this fund, which is committed fully and solely to your care and discretion, with entire confidence in your fidelity and wisdom.

Invoking the favor of Divine Providence for your guidance in the administration of the fund, and for your personal welfare,

I am, very respectfully, your obedient servant,

JOSEPHINE LOUISE NEWCOMB.

The Newcomb College was a matter of the greatest personal interest to Mrs. Newcomb to the time of her death. She added largely to her original endowment, and enabled the Board to build the handsome group of buildings in which the College is now domiciled. By her will, the University was made her residuary legatee, and has received an additional bequest of about \$2,700,000.

The building and property of the New Orleans Polyclinic, as well as the management of the institution, were acquired in 1906. This institution now constitutes the Graduate School of Medicine in the College of Medicine.

In 1909, the New Orleans College of Dentistry became a department of the University, and is now the School of Dentistry in the College of Medicine.

The donation, in 1912, of \$25,000, payable \$5,000 annually, by the United Fruit Company made possible the establishment of the School of Hygiene and Tropical Medicine including Preventive Medicine. The further maintenance of this School has been made possible by the gifts, of various amounts, of Messrs. Edward Wisner, W. G. Vincent, Frank B. Hayne, Frank L. Levy, Gibert & Clay, A. Baldwin, Jr., C. A. Farwell, James M. Thomson (for the New Orleans Item), Hard & Rand, I. L. Lyons & Co., W. R. Irby, W. P. Burke, Walter Van Benthuyssen, and \$5,000 from an anonymous donor. With the close of session of 1917-1918, the School of Hygiene and Tropical Medicine was suspended during the period of the war.

The College of Commerce and Business Administration was established in 1914, with the co-operation and support of the New Orleans Association of Commerce, the Society of Louisiana Certified Public Accountants, and of one hundred and five citizens, firms and corporations of New Orleans. In 1915, Mr. Theodore N. Vail of New York, contributed \$500 to the library of the College. The first permanent endowment of the College was a bequest of \$1,000 from Mr. David Pokorny in 1917. In the same year, Messrs. Robert H. Downman, W. Radcliffe Irby and Albert Mackie each contributed \$1,000 to the permanent endowment fund. One hundred and sixty-nine citizens, firms and corporations are now giving substantial expression of their interest and faith in mature professional training for a business career by assuming financial responsibility for the College of Commerce and Business Administration. In response to the request of the Board of Administrators of the Tulane Educational Fund, they have formed a permanent organization, in order that it may be possible to confer with them in regard to matters affecting the success of the College.

In 1891, Mrs. Ida A. Richardson, whose husband, Dr. T. G. Richardson, had been for many years associated with the Medical Department of the University as Professor of Surgery and as Dean, and who had been one of the original members of the Board of Administrators of the Tulane Educational Fund, gave a sum sufficient to build a new and modern building for the Medical Department on a site in Canal Street purchased by the Tulane Board and to equip the building with every needed appliance for the most approved methods of instruction in medicine and pharmacy. This building and site was transferred in 1908, to the Hutchinson Fund, and the name of the



Canal Street building was changed to the Josephine Hutchinson Memorial Building. The proceeds of this transfer were used for the erection, on the campus, of the Richardson Memorial Building, the enlargement of the Chemistry Building, which was renamed the Richardson Chemistry Building, and the Richardson Memorial Dormitory, for medical students.

In 1892, General Randall Lee Gibson, first President of the Board of Administrators of the Tulane Educational Fund bequeathed the sum of \$2,500, to the University.

In 1895, Dr. Albert Baldwin Miles, of New Orleans, bequeathed to the University the sum of \$10,000, for the benefit of the Medical Department.

In 1896, Messrs. H. Dalton Newcomb and Richard Tenbroeck, of Louisville, Ky., donated a beautiful memorial window to their brother, Warren Newcomb, which was placed in Newcomb College Chapel.

In 1897, Mr. F. Walter Callender, of New York, donated to Newcomb College several valuable oil paintings and several hundred volumes to the Library.

In 1897, Dr. John C. MacKowan, of Capri, Italy, gave to Newcomb College a collection of rare books illustrating the development of bookmaking.

In February 1900, Mrs. Caroline S. Tilton donated to the University the sum of \$50,000 for the erection of a library building as a memorial to her husband, to be known as the F. W. Tilton Memorial Library. In 1906 Mrs. Tilton donated the additional sum of \$28,000 for the enlargement of the Library Building.

In 1901, Miss Betty Bierne Miles donated \$1,000 to the Tulane Library for the purchase of books in the department of English Literature. In 1902 and 1904, she made additional gifts, making a total of \$2,500. In 1903, Miss Margaret Linda Miles donated \$1,000 for the purchase of books in the department of History, and bequeathed, in 1909, the sum of \$5,000 for a like purpose. These gifts and bequest were made in memory of their father, William Porcher Miles, in whose honor a tablet has been placed in the Library.

In December 1902, Mr. Alexander C. Hutchinson bequeathed to the Administrators of the University for improvements in the laboratory and clinical facilities of the School of Medicine funds aggregating about \$800,000. In January, 1908, the building of the Medical Department in Canal Street, was transferred to the Hutchinson Fund, and was re-named the Josephine Hutchinson Memorial Building. This

building will be reconstructed to expand and improve the laboratories for branches taught in the third and fourth years of medicine, and also to arrange for outdoor clinics and clinical laboratories, thus adding to the efficiency of the School of Medicine.

In 1902, a fellowship in economics was established in the Graduate Department by Mr. George Foster Peabody, of New York City.

In 1905, the Alumni Association of Tulane University showed its generous loyalty toward the University by the establishment of an Alumni Fellowship, with an income of \$250, available in the Graduate Department, to be awarded to the most promising candidate, irrespective of department.

In 1905, Mrs. William Jennings Bryan, acting as trustee of the fund left her by the late Philo Sherman Bennett, of New Haven, Conn., contributed \$500 for a loan fund to aid poor and deserving girls in securing an education.

In 1907, Mrs. Ida A. Richardson by a gift, *inter vivos*, of \$50,000, established and endowed a Chair of Botany, and in recognition of her generosity, it is named The Ida A. Richardson Professorship of Botany.

In 1909, Professor J. Hanno Deiler, for many years Professor of German, bequeathed the sum of \$500 to the University for the establishment of a medal for excellence in German. This legacy is subject to the life usufruct of Mrs. Deiler.

In 1909, Prof. John M. Ordway, formerly Professor of Applied Chemistry, bequeathed his valuable scientific library and instruments to the University.

In 1910, Mr. Stanley O. Thomas bequeathed the sum of \$60,000 to the University for the erection of a building for educational purposes, to be known as the Stanley Thomas Hall. By action of the Board of Administrators a building for the College of Technology was erected.

In 1910, Mr. Frank Walter Callender, of Boston, Mass., bequeathed \$65,000 to Newcomb College. In 1911, \$61,022.90 was realized from this legacy, and by action of the Board of Administrators, was set apart as a foundation for the establishment of The F. Walter Callender Laboratory of Psychology and Education.

In 1910, the Board of Administrators, appropriated \$20,500 for the athletic department of the University, including in this development the building of an athletic field and the erection and equipment of a gymnasium.

In 1911, the bequest of \$25,000 from the late Mrs. Ida A. Richardson to the School of Medicine was realized.

In 1912, Dr. A. L. Metz donated to the University the sum of \$1,000 to establish the Student's Aid Fund, in commemoration of the 25th year of his service in the University. Dr. Metz made later donations, and various donations have been received from friends of the University. The Fund now amounts to more than \$3,100.

In 1913, fourteen members of the Class of 1913 of the Colleges of Arts and Sciences and Technology, pledged themselves to contribute to the University \$500 each, the payment extending over twenty years. The sum contributed is to be used for the current needs of the two Colleges named, and for the benefit of the University in all its colleges.

In 1913, Dr. Watson D. Woodward, of Port Jefferson, Suffolk County, New York, bequeathed to the Tulane Educational Fund for the exclusive benefit of the School of Dentistry, the sum of \$28,000 and the residue of his estate, all subject to life use by the several beneficiaries under the will.

In 1914, Mrs. Livia Hatch Bryant, of Colorado Springs, Colo., in memory of her father, bequeathed \$10,000 to the University, for a drinking fountain on the campus, or for books, if the former was not practicable. In 1918, the sum of \$9,445 was realized from this bequest.

An athletic field including a stadium has been built on the campus. A grandstand was erected at a cost of about \$10,000, contributed largely by the Progressive Union of New Orleans. On March 31, 1916, "Realization Day," an appeal was made to the citizens of New Orleans, for funds to replace the old wooden stadium, built in 1909, now condemned, by a concrete structure. The movement met a hearty response on the part of the public, in a great variety of ways, and about fifteen thousand dollars was contributed in cash and in material and transportation. This contribution, with the gifts in 1917, from Mr. Frank B. Williams, of New Orleans, of \$10,000, and \$5,000 from an anonymous donor, enabled the University to erect the first unit of the concrete stadium, with a seating capacity of about eighteen hundred persons.

In 1916, Mrs. Charles A. Conrad bequeathed the sum of \$5,000 for the Library of the College of Law.

In 1916, the University received as a gift, from an anonymous donor, the French Opera House, in Bourbon Street, New Orleans, valued at \$47,000 and in 1917-1918, the stockholders of the French Opera Association donated the sum of \$8904.75 for the improvement of the Opera House.

In 1916, Mr. Bernard Bruenn, of New Orleans, bequeathed the residue of his estate to the University for the College of Law. About \$39,589 has already been realized.

In 1916, Colonel William G. Vincent, of New Orleans, bequeathed \$60,000 to the Medical Department of the University for the purpose of establishing a Chair of Tropical Diseases and Hygiene, to be known as The William G. Vincent Professorship of Tropical Diseases and Hygiene. This legacy is subject to the life usufruct of Mrs. Vincent.

In 1917, Mr. Sigmund Odenheimer, of New Orleans, donated \$100 for the Chemical Research Library.

In 1917, Mrs. Benjamin Morgan Harrod, of New Orleans, bequeathed to the University, in memory of her husband, the sum of \$20,000, for the following purposes; to the engineering department, \$2,000 for the library and \$3,000 for the laboratory; to the architectural department, \$5,000; to the medical department, \$5,000, for the investigation of the cure of cancer; and to the law department, \$5,000, in memory of her uncle, Randell Hunt, a former Dean of the department. The sum of \$15,175.23 was realized in 1918, for account of the several bequests.

In 1919, Mr. Samuel Zemurray, of New Orleans, donated \$20,500 for the establishment of a loan fund, to be named The Joseph F. Ransdell Loan Fund, in honor of the Senator from Louisiana.

Funds for the endowment of medals and prizes have been given by Mr. Glendy Burke, Mr. Judah Touro, Mr. Louis Bush, Rev. Beverley E. Warner, the Mary L. S. Neil Book Club, Miss Mary M. Scott, the the Newcomb Alumnæ, and the Newcomb Class of 1914.

Gifts for the establishment of scholarships in the undergraduate colleges have been made by Mrs. Ida A. Richardson, Mr. B. C. Wetmore, Mr. F. Walter Callender, Mr. Simon Hershheim, Mrs. Elizabeth S. Baker, the Louisiana Battle Abbey Association, Mr. J. C. Morris, and the Meta D. Huger Alumnæ Association.

The School of Medicine has received the sum of \$500 anonymously given for the furtherance of the investigation of leprosy, and several sums given by Mrs. Isidore Newman for research in the Department of Pathology.

Many generous donations have been made to the Library of the College of Law by Mrs. Omer Villere, Mrs. Charles A. Conrad, Miss Anna Campbell, and Messrs. James McConnell, Sr., Walter D. Denegre, Isidore Newman, Bernard McCloskey, Lamar C. Quintero, Walter C. Dufour, and H. Generes Dufour.

During the sessions of 1917-1918 and 1918-1919, the University, through its faculties, alumni, and students, rendered important service to the government, in various ways, in connection with the war. The following may be mentioned: Base Hospital No. 24, the "Tulane Unit", was the first Base Hospital from the far South, complete in personnel and equipment, to go to the other side; its medical and surgical staff was almost altogether made up from the faculty and alumni of the School of Medicine. The Newcomb Relief Unit, composed of graduates and former students of Newcomb College, was organized, equipped for service and financed by the students, alumnae, faculty and friends of the college; this was the first and only Woman's College Unit sent from the South; originally organized under the Red Cross it was transferred to the Y. M. C. A. after the signing of the armistice. A complete Woman's Ambulance Unit was also trained under the auspices of Newcomb for the Red Cross in preparation for overseas service, and was designated by the Red Cross as Newcomb Unit No. 2. A School for Intensive Instruction in the Treatment of War Fractures. The School of Dentistry performed thousands of operations, without charge, for enlisted men. A School of Nautical Engineering under the direction of the U. S. Shipping Board. Course in Naval Architecture. Courses under the Federal Board for Vocational Training in Radio Telegraphy, Radio Mechanics, Conversational French, Auto Mechanics, Four Minute Speaking, Publicity, Red Cross Nursing. A training school for elementary hygiene and home nursing. Newcomb Branch No. 24 and Tulane Branch No. 27, American Red Cross. In June, 1918, the War Department established at Tulane University a training school for enlisted men in Radio Operation and Auto Mechanics. This training school was first located at Camp Martin (Fair Grounds) and later transferred to the new Camp Martin on the campus of the University. The instruction was under the direction of Tulane University, and the military training and discipline were under United States Army Officers. A number of war emergency courses were offered in the Summer School, 1918, including courses in food economy and conservation, established by the United States Food Administration. On October 1, 1918, the Students Army Training Corps was established and continued until December, 1918, when it was demobilized. Nearly 4000 men were trained in the collegiate and vocational sections, including those in Camp Martin previous to the establishment of the S. A. T. C. Many members of the Faculty of the University were in the service, in the School of Medicine alone over 40% were in active service by April,

1918, while others were detailed to partial service in connection with camps and examining boards. The Alumni and former students of the University responded loyally to the call to service, an incomplete tabulation showing more than 1000 names, twenty-eight of whom were killed in action or died in service.

The State of Louisiana, in accordance with the usage of American States and on the ground of the University's service to the community, exempts the property of the University from taxation. The University is thus enabled to use its entire income for educational purposes.

In accordance with the terms of Act 43, of the Session of 1884, the Administrators give to each member of the state legislature the right to keep one well prepared student in the College of Arts and Sciences, and for the present, in the College of Technology, without payment of tuition fees. The number of such scholarships is now one hundred and fifty-nine. Twenty scholarships are open to appointees of the Mayor of New Orleans. More than fifty others are given by the Board of Administrators to well qualified applicants. No worthy young man resident of Louisiana, will be denied the privilege of attending the undergraduate departments for lack of ability to pay the tuition fees. The Administrators propose to extend the benefits of the Tulane University of Louisiana as widely as the means at their command permit.

## OFFICERS OF INSTRUCTION

1918-1919

ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., President  
of the University. 1467 *Arabella Street*

ROBERT SHARP, A. M., Ph. D., President, *Emeritus*.  
7325 *St. Charles Avenue*

LOUIS FAVROT REYNAUD, M. D., Professor of Materia Medica,  
Therapeutics, and Clinical Medicine, *Emeritus*.  
1238 *Josephine Street*

JOHN WILLIAMSON CALDWELL, A. M., M. D., Professor of  
Chemistry and Geology, *Emeritus*. *Atlanta, Ga.*

EDMOND SOUCHON, M. D., Professor of Anatomy and Clinical  
Surgery, *Emeritus*. 2403 *St. Charles Avenue*

JOHN BARNWELL ELLIOTT, A. B., M. D., Ph. D., Professor of the  
Theory and Practice of Medicine, *Emeritus*. *Highlands, N. C.*

ERNEST SYDNEY LEWIS, B. Sc., M. D., Professor of Obstetrics  
and Gynecology, *Emeritus*. 1625 *Louisiana Avenue*

WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D., Professor of  
Philosophy, *Emeritus*. 1409 *Calhoun Street*

FREDERICK WESPY, Ph. D., Professor of German, *Emeritus*.  
816 *Burdette Street*

(ARRANGED ALPHABETICALLY)

GEORGE BUNCH ADAMS, M. D., Lecturer and Instructor in Path-  
ology and Instructor in Bacteriology. *Charity Hospital*

MORTON ARNOLD ALDRICH, Ph. D., Dean of College of Com-  
merce and Business Administration, and Professor of Economics  
and Sociology. 722 *Cherokee Street*

VIOLA MURPHY ALLEE, A. M., Assistant in Mathematics.  
1729 *Amelia Street*

CARROLL WOOLSEY ALLEN, M. D., Assistant Professor of Clinical  
Surgery and of Clinical Anesthesia. 43 *Audubon Boulevard*

DOUGLAS SMITH ANDERSON, M. A., Professor of Electrical En-  
gineering. 1556 *Webster Street*

CHARLES RICE ARMSTRONG, A. B., Instructor in Architectural  
Design. 1213 *Marengo Street*

- RICHARD ASHMAN, Lit. B., Instructor in Physiology and Pharmacology. 1403 *Calhoun Street*
- CLARA GREGORY BAER, Professor of Physical Education. 3316 *St. Charles Avenue*
- BERNARD WILLIAM NEVILLE BAGOT, A. B., Instructor in Mathematics. *Hotel Monteleone*
- CHARLES ADOLPH BAHN, M. D., Instructor in Ophthalmology. 1524 *State Street*
- JAMES MONROE BAMBER, M. D., Clinical Assistant in Medicine. 135 *S. Bernadotte Street*
- CHARLES CASSEDY BASS, M. D., Professor of Experimental Medicine and Director of the Laboratory of Clinical Medicine. 1338 *Broadway*
- MARY ELIZABETH BASS, M. D., Assistant Professor of Clinical Laboratory Diagnosis, and Instructor in Pathology and Bacteriology. 3513 *Prytania Street*
- ROSA JACKSON BAXTER, A. M., Instructor in Education. 1404 *Audubon Street*
- HENRY BAYON, A. M., M. D., Professor of Applied Anatomy. 2212 *Napoleon Avenue*
- EDWARD AMBROSE BECHTEL, Ph. D., Dean of College of Arts and Sciences, and Professor of Classical Languages. 7106 *Elm Street*
- CHARLES WILLIAM BEIN, B. Arch., Assistant Professor of Architecture. 510 *Lowerline Street*
- GEORGE SAM BEL, M. D., Professor of Clinical and Internal Medicine. 1204 *Napoleon Avenue*
- ROBERT BERNHARD, M. D., Clinical Assistant in Internal Medicine. 2506 *Louisiana Avenue*
- EARLE ALBERT BERRY, B. E., Instructor in Electrical Engineering. 3721 *D'Hemecourt Street*
- OSCAR WALTER BETHEA, M. D., Ph. G., F. C. S., Assistant Professor in Materia Medica and Pharmacology. 1735 *S. Carrollton Avenue*
- STEPHEN MERTLE BLACKSHEAR, M. D., Clinical Professor of Otology, Rhinology and Laryngology. 1907 *Prytania Street*
- RUPERT MITCHUM BLAKELY, M. D., Clinical Assistant in Surgery. 3307 *Prytania Street*
- HOMER RAYMOND BLINCOE, A. B., M. Sc., Instructor in Anatomy. 922 *Lowerline Street*



- CHARLES JAMES BLOOM, B. S., M. D., Assistant Professor of Diseases of Children. 4818 *Carondelet Street*
- HENRY NATHAN BLUM, M. D., Instructor in Ophthalmology. 1631 *Octavia Street*
- HOWARD TUCKER BOND, Student Assistant in Chemistry. *McDonoghville, La.*
- HARRIET AMELIA BOYER, Professor of Domestic Science. 2618 *Coliseum Street*
- MUIR BRADBURN, B. S., M. D., Assistant Demonstrator in Operative Surgery. 2336 *Octavia Street*
- WILLIAM PLUMMER BRADBURN, JR., B. S., M. D., Clinical Assistant in General Surgery. 2336 *Octavia Street*
- SIDNEY FRANCIS BRAUD, A. B., M. D., Instructor in Pediatrics. 1737 *Jackson Avenue*
- LAWRENCE ARTHUR JAMES BRENNAN, M. D., Assistant Demonstrator in Anatomy. 1409 *Magnolia Street*
- FRANK TEMPLE BROWN, M. D., Clinical Assistant in Obstetrics and Gynecology. 1320 *Pine Street*
- GEORGE STEWART BROWN, M. Ph., M. D., Chairman of the Faculty of the School of Pharmacy, and Professor of Pharmacy. 2113 *Adams Street*
- MARION EARLE BROWN, M. D., Clinical Assistant in Medicine. *Gretna, La.*
- WILLIAM PRENTISS BROWN, A. B., A. M., Associate Professor of English. 1023 *Fern Street*
- HENRY DICKSON BRUNS, M. D., Professor of Diseases of the Eye. 2308 *Prytania Street*
- CUTHBERT BUCKNER, Instructor in Voice. 1130 *Fourth Street*
- MARY WILLIAMS BUTLER, Instructor in Drawing and Design. 1535 *Seventh Street*
- PIERCE BUTLER, Ph. D., Dean of the Graduate Department, and Professor of English. 2224 *Milan Street*
- † WILLIAM WALTON BUTTERWORTH, M. D., Professor of Diseases of Children. 3914 *Prytania Street*
- ANSEL MARION CAINE, A. B., M. D., Instructor in Anesthetics. 1528 *Louisiana Avenue*
- NICHOLAS CALLAN, A. B., LL. B., Lecturer in charge of instruction in Public Speaking for Business. 1712 *Baronne Street*
- ALFREDO ALONSO CANTU, B. Sc., M. D., Clinical Assistant in Gynecology. 1916 *Canal Street*

---

† Resigned.

- JOSEPH WALTER CARROLL, Professor of Civil Law.  
1219 *First Street*
- PHILIPS JOHN CARTER, B. S., M. D., Instructor in Clinical Obstetrics.  
1654 *Dufossat Street*
- OCTAVE CHARLES CASSEGRAIN, M. D., Clinical Assistant in Surgery.  
5224 *Pitt Street*
- LIONEL LOUIS CAZENAVETTE, M. D., Professor of Diseases of the Nervous System.  
1143 *N. Robertson Street*
- CHARLES LOUIS CHASSAIGNAC, M. D., Dean of the Graduate School of Medicine and Professor of Genito-Urinary and Rectal Diseases.  
1331 *First Street*
- FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of Physiology and of Pharmacology.  
*Station 20*
- SAMUEL MARMADUKE DINWIDDIE CLARK, B. Sc., M. D., Professor of Gynecology and Clinical Obstetrics.  
1619 *Arabella Street*
- J. HARRY CLO, Ph. D., Professor of Physics.  
1007 *Broadway*
- REGINALD SOMERS COCKS, A. M., Richardson Professor of Botany.  
701 *Exposition Boulevard*
- HENRY SULA COGRAM, B. Sc., M. D., Professor of Gynecology and Obstetrics.  
14 *Rosa Park*
- LOUIS M. COGNEVICH, D. D. S., Demonstrator of Clinical Dentistry.  
614 *Poland Street*
- ISIDORE COHN, B. Sc., M. D., Assistant Professor in the Laboratory of Minor Surgery and Instructor in Clinical Surgery.  
1831 *Bordeaux Street*
- JAMES CLIFTON COLE, M. D., Assistant Professor of Clinical Laboratory Diagnosis, and Instructor in Medicine and in Laboratories of Clinical and Tropical Medicine.  
2118 *Joliet Street*
- JOSEPH COLLINS, Lecturer in Charge of instruction in Life Insurance Salesmanship.  
1912 *St. Charles Avenue*
- JOHN JOSEPH COLOMB, D. D. S., Demonstrator of Clinical Dentistry.  
202 *Taylor Avenue*
- MAURICE JOHN COURET, A. M., M. D., Assistant Professor of Pathology and Bacteriology.  
3803 *Camp Street*
- †PAUL ERNEST COX, B. S., Instructor in Ceramic Chemistry.  
1127 *Sixth Street*
- ROBERT EMMET CRAIG, 2nd., Student Assistant in Civil Engineering.  
1138 *Third Street*

---

†Resigned

- JOHN THOMSON CREBBIN, M. D., Assistant Professor of Diseases of the Ear, Nose and Throat. *3726 Prytania Street*
- WILLIAM HENRY CREIGHTON, U. S. N., Dean of College of Technology and Professor of Mechanical Engineering. *1445 Henry Clay Avenue*
- RICHARD SMITH CRICHLLOW, B. S., M.D., Instructor in Anatomy. *7037 Freret Street*
- GEORGE BERNARD CROZAT, D. D. S., Professor of Dental Anatomy, and Lecturer and Instructor in Orthodontia. *1223 Barracks Street*
- JOHN MARTIN DANNEKER, Student Assistant in Chemistry. *1518 Poland Avenue*
- LORENZO NOLLEY DANTZLER, JR., Student Assistant in College of Commerce. *4920 St. Charles Avenue*
- HENRY DASPIT, M. D., Assistant Professor of Diseases of the Nervous System. *1416 Marengo Street*
- ROBERT ALFRED DAVIS, M. D., Clinical Assistant in Ophthalmology. *1125 Lowerline Street*
- STEWART POMEROY DEAN, D. D. S., Demonstrator of Clinical Dentistry. *1302 St. Charles Avenue*
- LOUISE MARIE DEBLANC, Substitute Teacher in French. *713 Henry Clay Avenue*
- LAWRENCE RICHARD DEBUYS, B. S., M. D., Clinical Professor of Pediatrics. *1776 State Street*
- SIDNEY PHILIP DELAUP, B. Sc., M. D., Professor of Surgery of the Genito-Urinary Organs and Rectum. *1120 Esplanade Avenue*
- CLARA DEL VALLE, Instructor in Voice and Accompanist. *4004 Prytania Street*
- DONALD DERICKSON, C. E., Professor of Civil Engineering. *5911 Pitt Street*
- JOHN FLEMING DICKS, M. D., Lecturer and Instructor in Gynecology. *1904 Palmer Avenue*
- ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., Professor of Mathematics. *1467 Arabella Street*
- WILLIAM DINWIDDIE, M. A., LL. D., Professor of Mathematics. *1464 Eleanore Street*
- MENARD DOSWELL, JR., A. B., Acting Instructor in English. *1500 Cadiz Street*
- BRANDT VAN BLARCOM DIXON, A. M., LL. D., President of Newcomb College and Professor of Philosophy. *7405 Burthe Street*

- OSCAR DOWLING, M. D., Adjunct Professor of Hygiene.  
1402 *Peters Avenue*
- HENRY DRUËDING, Instructor in Organ.  
1220 *Second Street*
- LOUIS JOSEPH DUBOS, A. B., M. D., Assistant in Clinical Medicine.  
7503 *St. Charles Avenue*
- ANTOINE LOUIS DUCASSE, D. D. S., Demonstrator of Clinical Dentistry.  
2651 *Ursuline Avenue*
- EDWARD BERNARD DUCASSE, D. D. S., Professor of Crown and Bridge work and Ceramics.  
2711 *Ursuline Avenue*
- CHARLES EDWARD DUNBAR, JR., A. B., LL. B., Lecturer on Bills of Exchange and Promissory Notes.  
1220 *State Street*
- ARNOTT KELLS DUNCAN, M. D., Clinical Assistant in General Surgery.  
3513 *Prytania Street*
- LIONEL CHARLES DUREL, M. A., Associate Professor of French.  
2037 *Ursuline Avenue*
- WALLACE JOSEPH DUREL, M. D., Professor of Phthisiology.  
2003 *Peters Avenue*
- CHARLES WARREN DUVAL, M. D., Professor of Pathology and Bacteriology.  
8 *Richmond Place*
- HUGH LEO DWYER, D. V. M., M. D., D. P. H., Clinical Assistant in Pediatrics.  
5940 *Freret Street*
- JAMES PERYS DYAR, Student Lecture Demonstration Assistant, and Store Room Helper.  
727 *Lowerline Street*
- ISADORE DYER, Ph. B., M. D., Dean of the Schools of Medicine and of Pharmacy, and Professor of the Diseases of the Skin.  
2222 *Prytania Street*
- JOHN LYNN EBAUGH, JR., Student Assistant in Drawing.  
5830 *Pitt Street*
- SAMUEL FLETCHER ELDER, Student Assistant in Anatomy.  
1537 *Calhoun Street*
- JOHN BARNWELL ELLIOTT, Jr., A. M., M. D., Professor of the Theory and Practice of Medicine and of Clinical Medicine.  
1423 *Louisiana Avenue*
- CHARLES LEVERICH ESHLEMAN, A. B., M. D., Assistant Professor of Clinical Medicine. Acting Medical Officer, Newcomb College.  
1138 *Third Street*
- ALLAN CHOTARD EUSTIS, M. D., Professor of Dietetics and Nutrition.  
1518 *Webster Street*
- JOHN RUFUS EVANS, Ph. G., Student Assistant in Chemistry.  
1553 *Calhoun Street*

- MARCUS FEINGOLD, M. D., Professor of Ophthalmology.  
4206 *St. Charles Avenue*
- CHARLES PAYNE FENNER, B. S., LL. B., Dean of College of  
Law, and Professor of Civil Law. 2511 *St. Charles Avenue*
- ERASMUS DARWIN FENNER, A. B., M. D., Professor of Or-  
thopedics and Surgical Diseases of Children. 850 *Carondelet Street*
- FELIPE FERNANDEZ, A. B., Instructor in Spanish.  
335 *Bourbon Street*
- GIUSEPPE FERRATA, Mus. Doc., Professor of Piano and Composi-  
tion. 2705 *Chestnut Street*
- †HAZEL ELIZABETH FIELD, M. S., Instructor in Biology.
- OTTO FINCK, Instructor in Violoncello. 1907 *Esplanade Avenue*
- JOHN MADISON FLETCHER, Ph. D., Professor of Psychology.  
1137 *Broadway*
- MABEL FONTANE, Student Instructor in Biology.  
629 *Lowerline Street*
- EUGENE LOUIS FORTIER, D. D. S., Professor of Prosthetic  
Dentistry. 5008 *Magazine Street*
- LUCIEN AMEDEE FORTIER, M. D., Clinical Assistant in Surgery.  
5008 *Magazine Street*
- ALBERT EMILE FOSSIER, A. M., M. D., Assistant Professor of  
Physical Diagnosis. 8134 *Cohn Street*
- RUFUS EDWARD FOSTER, LL. B., Lecturer on Bankruptcy and  
Federal Practice. 21 *Richmond Place*
- ANDREW VALLOIS FRIEDRICHS, B. S., M. D., Assistant Dem-  
onstrator in Pathology. *Melairie Ridge*
- EPHRAIM DENEUFBOURG FRIEDRICHS, A. B., M. D., In-  
structor in Clinical Obstetrics, and Assistant in Clinical Surgery  
474 *Pine Street*
- LYDIA ELIZABETH FROTSCHER, A. M., Ph. D., Assistant Pro-  
fessor of English. 2627 *Coliseum Street*
- JOSEPH MARY GARCIA, D. D. S., Demonstrator of Operative  
Technics. 1429 *Nashville Avenue*
- WALTER EUGENÉ GARREY, B. Sc., Ph. D., M. D., Professor of  
Physiology. 2123 *Palmer Avenue*
- MILDRED GAUCHE, M. S., Instructor and Laboratory Assistant  
in Biology and Bacteriology. 4802 *St. Charles Avenue*
- SIMON GEISMAR, M. D., Clinical Assistant in Surgery, and Assist-  
tant Demonstrator in Operative Surgery. 1539 *Louisiana Avenue*

†Resigned.

- †MAURICE JOSEPH GELPI, A. B., M. D., Assistant Professor of  
Gynecology and Assistant Demonstrator of Surgical Pathology.  
3720 Canal Street
- PAUL JOSEPH GELPI, A. M., M. D., Professor of Genito-Urinary  
Diseases and Cystoscopy. 1700 Esplanade Avenue
- HERMANN BERTRAM GESSNER, A. M., M. D., Professor of  
Operative Surgery, and of Clinical Medicine.  
119 Audubon Boulevard
- CHARLES NEBITTE GIBBONS, D. D. S., Demonstrator of Clin-  
ical Dentistry. 8202 Apricot Street
- UPTON WRIGHT GILES, A. B., B. Sc., M. D., Clinical Assistant  
in Dietetics and Nutrition. Covington, La.
- DAVID WALKER GODAT, Student Assistant in Surveying.  
2123 Cambronne Street
- WALTER LOUIS GOLDSTEIN, A. B., Instructor in Harmony  
and Piano. 2919 St. Charles Avenue
- FRANK RAYMOND GOMILA, M. D., Assistant Professor of Ob-  
stetrics and Gynecology. 911 St. Ferdinand Street
- HAROLD JOSEPH GONDOLF, M. D., Instructor in Laboratory of  
Clinical Medicine, and Assistant in Medicine.  
3828 Dryades Street
- BENJAMIN LEVI GORE, D. D. S., Professor of Dental Surgery.  
2805 Robert Street
- JOHN DANIEL GRACE, Lecturer on Admiralty.  
7602 Hampson Street
- PETER GRAFFIGNINO, M. D., Assistant Instructor in Gynecology.  
2822 DeSoto Street
- DAVID REA GRAHAM, JR., Student Assistant in Chemical Labora-  
tory. 7025 Freret Street
- AMEDEE GRANGER, M. D., Professor of Radiology.  
3323 St. Charles Avenue
- WILLIAM BENJAMIN GREGORY, M. M. E., Professor of Experi-  
mental Engineering and Mechanism. 630 Pine Street
- JAMES BIRNEY GUTHRIE, B. Sc., M. D., Professor of Clinical  
Medicine. 1420 Octavia Street
- JAMES BRUTON HACKETT, Student Assistant in Drawing.  
Gretna, La.
- JOHN TAYLOR HALSEY, M. D., Professor of Pharmacology,  
Therapeutics, and Clinical Medicine. 1406 Seventh Street
- CARL ANDREWS HANSON, Physical Director.  
7003 Jeannette Street

---

†Resigned.

- IRVING HARDESTY, A. B., Ph. D., Professor of Anatomy.  
1301 *Pine Street*
- MARY LEAL HARKNESS, Ph. D., Lit. D., Professor of Latin.  
2618 *Coliseum Street*
- WILLIAM HERBERT HARRIS, A. B., M. D., Professor of Pathology and Assistant Professor of Bacteriology. 7011 *Broad Place*
- ROY BERTRAND HARRISON, M. D., Clinical Assistant in Surgery.  
2327 *Napoleon Avenue*
- ESTHER FINLAY HARVEY, A. B., Instructor in Library Work.  
1737 *Jackson Avenue*
- LOUIS ALEXANDER HEBERT, B. S., M. D., Demonstrator in Pathology.  
*Charity Hospital*
- MAX HELLER, M. L., Professor of Hebrew. 1828 *Marengo Street*
- ADOLPH DECAMBUS HENRIQUES, M. D., Instructor in Physiology and in Clinical Medicine and Radiology.  
4726 *Prylania Street*
- JAMES CLARENCE HIRSCH, B. E., Instructor in Electrical Engineering.  
2749 *Canal Street*
- ||RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology.  
1524 *Harmony Street*
- HENRY EDWARD HUBERT, Student Assistant in Biology.  
3615 *Melpomene Street*
- WILLIAM LEE HUGHES, LL. B., Professor of Dental Jurisprudence.  
2445 *Esplanade Avenue*
- JOSEPH HUME, Ph. B., M. D., Professor of Genito-Urinary and Venereal Diseases.  
1623 *Seventh Street*
- HERMAN FAIR HUSTEDT, Instructor in Mechanic Arts.  
6320 *Story Street*
- RAOUL STANISLAUS HYMEL, D. D. S., Demonstrator of Prosthetic Dentistry.  
1117 *Louisa Street*
- FELIX MORRIS ISAACSON, D. D. S., Assistant Demonstrator of Clinical Dentistry.  
3512 *Magazine Street*
- ADOLPH JACOBS, M. D., Clinical Assistant in Surgery.  
2636 *Napoleon Avenue*
- STANFORD CHAILLÉ JAMISON, M. D., Instructor in the Laboratories of Clinical and Tropical Medicine, and Assistant in Clinical Medicine.  
145 *S. Rampart Street*
- FOSTER MATTHEW JOHNS, M. D., Assistant Professor of Medicine in the Laboratories of Clinical Medicine.  
200 *S. Cortez Street*

— Absent on leave on Military duty.

- HAMILTON POLK JONES, M. D., Instructor in Clinical Medicine.  
6110 *Marquette Place*
- WILL O'DANIEL JONES, M. D., Assistant Instructor in Gynecology.  
1321 *State Street*
- PIERRE JORDA KAHLE, B. S., M. D., Lecturer in Surgery of the Genito-Urinary Organs and Rectum. 1432 *Esplanade Avenue*
- CHARLES PARNELL KELLEHER, D. D. S., Demonstrator of Clinical Dentistry.  
7927 *Oak Street*
- JOHN SMITH KENDALL, A. M., Associate Professor of Spanish.  
508 *Millaudon Street*
- WILLIAM SAMUEL KERLIN, M. D., Clinical Assistant in Medicine, Assistant Demonstrator in Pathology and Bacteriology.  
5900 *Prytania Street*
- FRANK JAMES KINBERGER, M. D., Instructor in Pediatrics.  
5227 *Camp Street*
- ALFRED CLINTON KING, M. D., Lecturer and Clinical Assistant in General Surgery.  
305 *Valette Street*
- EDWARD LACY KING, A. B., M. D., Instructor in Obstetrics and Assistant in Gynecology on Cadaver.  
821 *Robert Street*
- KENNETH WILLIAM KINNEY, M. D., Clinical Assistant in Psychiatry.  
1427 *Calhoun Street*
- THEODORE FRANK KIRN, M. D., Clinical Assistant in Surgery.  
3310 *Cleveland Avenue*
- RICHARD KOCH, B. Arch., Instructor in Architectural Design.  
2335 *Calhoun Street*
- KATHERINE KOPMAN, Supervisor of Art Instruction.  
1628 *Amelia Street*
- PAUL GEORGE LACROIX, B. S., M. D., Assistant Demonstrator in the Laboratory of Minor Surgery and Clinical Assistant in Surgery.  
506 *Flood Street*
- JEROME LANDRY, M. D., Assistant in Operative Surgery.  
2325 *Coliseum Street*
- LUCIAN HYPOLITE LANDRY, M. D., Assistant Demonstrator of Operative Surgery and Instructor in Clinical Surgery.  
1214 *Nashville Avenue*
- STUART OMER LANDRY, Lecturer in charge of instruction in Advertising.  
2427 *Camp Street*
- JOHN ALEXANDER LANFORD, Ph. G., M. D., Assistant Professor of Surgical Pathology.  
1551 *Canal Street*
- STEPHEN IVES LANGMAID, A. M., LL. B., Professor of Law.  
910 *Burdette Street*



- FELIX ALPHONSE LARUE, A. M., M. D., Professor of Operative and Clinical Surgery. 1631 *Constantinople Street*
- CHARLES WILLIAM LEAPHART, A. M., LL. B., Acting Professor of Law. 1409 *Calhoun Street*
- EDMUND LAURENCE LECKERT, M. D., Assistant in Clinical Surgery. 1225 *Magazine Street*
- ALFRED ARCHINARD LEEFE, D. D. S., Professor of Dental Pathology and Therapeutics, and Secretary of the Faculty of the School of Dentistry. 2131 *Baronne Street*
- WILLIAM PENDLETON EMILE LEHDE, B. E., Substitute Assistant Professor of Mechanical Engineering. 1715 *Valence Street*
- HENRY LEIDENHEIMER, M. D., Clinical Assistant in Surgery. 1836 *Dante Street*
- ISAAC IVAN LEMANN, A. B., M. D., Professor of Clinical Medicine. 6110 *St. Charles Avenue*
- MONTE MORDECAI LEMANN, A. B., LL. B., Professor of Law. 6317 *St. Charles Avenue*
- LOUIS GEORGE LEMLE, Student Assistant in Mathematics. 3413 *St. Charles Avenue*
- OTTO IERCH, A. M., Ph. D., M. D., Professor of Medical Diagnosis and Treatment. 1628 *Upperline Street*
- JOSEPH LEVY, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 2006 *General Taylor Street*
- JAMES LEON LEWIS, M. D., Assistant Professor of Physical Diagnosis. 3501 *Carondelet Street*
- JOHN ADEN LEWIS, M. D., Clinical Assistant in Dietetics and Nutrition. 8011 *Sycamore Street*
- HENRY JOHN LINDNER, M. D., Clinical Assistant in Genito-Urinary and Venereal Diseases. 5653 *Woodlawn Place*
- HENRY CLARENCE LOCHTE, M. D., Assistant Instructor in the Laboratory of Clinical Medicine. 706 *S. Carrollton Avenue*
- MAUD LOEBER, A. B., M. A., M. D., Clinical Assistant in Pediatrics. 1424 *Milan Street*
- GEORGE KING LOGAN, B. Sc., M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 1539 *Philip Street*
- LOUIS VYASA JAMES LOPEZ, M. D., Clinical Assistant in Psychiatry. 3711 *Carondelet Street*
- REX ELIAS LOTHROP, Student Assistant in Chemistry. 1333 *State Street*

RAYMOND ANTHONY LOUGHNEY, Lecturer in charge of instruction in Office Methods and Business Correspondence.

7011 *Jeannette Street*

WILLIAM ALVIN LOVE, A. B., M. Ph., M. D., Instructor in Clinical Medicine and in Dietetics and Nutritional Diseases. Medical Officer of the University.

1423 *Valence Street*

MARY ISABEL LUND, A. B., Teaching Fellow in Latin.

1415 *Harmony Street*

CHANDLER CLEMENT LUZENBERG, B. S., LL. B., Lecturer on Criminal Procedure.

1230 *State Street*

GUY VAN WINKLE LYMAN, C. P. A., Lecturer in charge of instruction in Accounting.

1233 *Fern Street*

†ROBERT CLYDE LYNCH, M. D., Professor of Otology, Rhinology, and Laryngology.

JAMES ADAIR LYON, A. M., D. Sc., Professor of Physics.

1210 *Broadway*

MARCY JOSEPH LYONS, M. D., Instructor in Gynecology.

1626 *S. Carrollton Avenue*

RANDOLPH LYONS, Ph. B., M. D., Assistant Professor of Clinical Medicine and of the Practice of Medicine.

1428 *First Street*

PERCY LUZENBERG McCAY, Student Assistant in the College of Commerce.

1204 *Race Street*

MATTHEW THOMPSON McCCLURE, JR., M. A., Ph. D. Professor of Philosophy.

624 *Audubon Street*

IRENE AGNES McCULLOCH, Ph. D., Associate Professor of Biology.

*Newcomb College*

ELIZABETH MAY McFETRIDGE, A. B., Assistant in English.

4810 *St. Charles Avenue*

MARION HERBERT McGUIRE, M. D., Lecturer and Clinical Assistant in General Surgery.

1128 *Webster Street*

PAUL AVERY McILHENNY, M. D., Assistant Professor of Orthopedics and Surgical Diseases of Children.

3513 *Prytania Street*

ELEANOR McMAIN, Lecturer in Economics and Sociology.

1202 *Annunciation Street*

URBAN MAES, M. D., Assistant Professor of Operative Surgery and Demonstrator in Miles Laboratory of Operative Surgery.

1631 *Octavia Street*

AGUSTIN LOGAN MAGRUDER, D. D. S., Assistant Demonstrator of Clinical Dentistry.

1230 *Louisiana Avenue*

ALPHONSE MARIN LAMESLÉE, B. ès L., A. M., Professor of French.

1543 *Calhoun Street*

†Resigned.

- EDMUND DENEGRE MARTIN, M. D., Professor of General Surgery. 1428 *Josephine Street*
- RUDOLPH MATAS, M. D., LL. D., Professor of General and Clinical Surgery. 2255 *St. Charles Avenue*
- ABRAHAM MATTES, M. D., Instructor in the Laboratory of Clinical Medicine. 1719 *Baronne Street*
- LEON RYDER MAXWELL, A. M., Director of the School of Music, and Professor of Voice and Composition.. 7004 *St. Charles Avenue*
- CLARENCE PRENTICE MAY, M. D., Clinical Assistant in Surgery. 2425 *Coliseum Street*
- HAROLD TUPPER MEAD, B. S., M. S., Associate Professor of Biology. 5254 *Camp Street*
- HENRY EDWARD MENAGE, M. D., M. Ph., Professor of Diseases of the Skin. 4620 *St. Charles Avenue*
- ROBERT LEONVAL MENUET, B. E., Associate Professor of Mathematics. 443 *Lowerline Street*
- \*ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry and Medical Jurisprudence. 9 *Rosa Park*
- WALDEMAR RICE METZ, B. S., M. D., Instructor in Medicine and Demonstrator in Pathology and Bacteriology. 9 *Rosa Park*
- ALPHONSE CHARLES BERNARD MEYNIER, D. D. S., Assistant Demonstrator of Clinical Dentistry. 1445 *N. Rocheblave Street*
- PAUL MICHINARD, M. D., Professor of Obstetrics and Gynecology. 2104 *Gen. Pershing Street*
- CHARLES JEFFERSON MILLER, M. D., Professor of Obstetrics and Clinical Gynecology. 1638 *Joseph Street*
- HILLIARD EVE MILLER, M. D., Assistant Instructor in Gynecology. 1 *Audubon Place*
- CAROLINE MIMS, M. D., Clinical Assistant in Surgery of the Genito-Urinary Organs and Rectum. 517 *Lowerline Street*
- FRANK WILLIAM MORGAN, P. D., Instructor and Demonstrator in Chemistry. 8213 *Spruce Street*
- GEORGE GODFREY MORTHLAND, Student Assistant in Industrial Chemistry. 7509 *Maple Street*
- HAL WALTERS MOSELEY, M. Sc., M. A., Associate Professor of Chemistry. 1435 *Nashville Avenue*
- EDMUND MOSS, M. D., Lecturer and Instructor in Infectious and Contagious Diseases. Medical Officer, Newcomb College. *Octavia Apartments*

---

\* Absent on leave.

- PETER FRANCIS MURPHY, M. D., Clinical Assistant in Internal Medicine. 2431 Magazine Street
- \*ROLLIN GUIZOT MYERS, B. Sc., M. Sc., Assistant Professor of Chemistry.
- HARRY EVERETT NELSON, M. D., Clinical Assistant in Surgery. 3600 Banks Street
- WILLIAM PIERREPONT NELSON, JR., Instructor in Chemistry. 727 Exposition Boulevard
- HAROLD WEIL NEWMAN, JR., Student Assistant in Mathematics. 6007 St. Charles Avenue
- JACOB WARREN NEWMAN, M. D., Clinical Professor of Obstetrics. 3512 St. Charles Avenue
- HARRY MATTHEW NOLAN, D. D. S., Assistant Demonstrator of Clinical Dentistry. 219 Olivia Street
- ANN HERO NORTHRUP, A. M., Professor of Chemistry. 1200 Pine Street
- ELLIOTT JUDD NORTHRUP, A. B., LL. B., Professor of Law, and Secretary of the College of Law, 1200 Pine Street
- JOHN TOLSON O'FERRALL, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children. 3325 Coliseum Street
- JAMES PHARES O'KELLEY, M. D., Clinical Professor of Otology, Rhinology, and Laryngology. 1701 Marengo Street
- JAMES HENRY O'REILLY, D. D. S., Demonstrator of Clinical Dentistry. 2610 Royal Street
- JOHN FREDERICK OECHSNER, M. D., Professor of Orthopedics and Surgical Diseases of Children. 5330 Danneel Street
- HENRY JOHN OTTO, M. D., Clinical Assistant in Genito-Urinary and Rectal Diseases. 2905 Chestnut Street
- DOMINICK ANDREW PALMISANO, M. D., Clinical Assistant in Medicine. 1438 Pine Street
- FREDERICK WILLIAM PARHAM, M. D., Professor of General Surgery. 1429 Seventh Street
- LILLIAN FLORENCE PARKER, Ph. D., Instructor in Public School Music. 10 Audubon Boulevard
- GEORGE FARRAR PATTON, M. D., Professor of the Practice of Medicine. 1134 Camp Street
- RUFFIN TROUSDALE PERKINS, A. B., M. D., Clinical Assistant in Surgery. 1135 Fern Street
- WILLIAM MARTIN PERKINS, B. Sc., M. D., Professor of Clinical Surgery. 2123 Coliseum Street

---

\* Absent on leave.

- WILLIAM DAVID PHILLIPS, B. Sc., M. Ph., M. D., Professor  
of Operative Gynecology on the Cadaver, and Instructor in  
Clinical Obstetrics. *479 Audubon Street*
- ROBERT HOLLINGSWORTH POTTS, M. D., Instructor in Path-  
ology. *308 S. Broad Street*
- GEORGE KING PRATT, JR., B. S., M. D., Assistant in Clinical  
Medicine. *1806 Milan Street*
- JOSEPH E. PSAYLA, D. D. S., Demonstrator of Clinical Dentistry.  
*2020 Carondelet Street*
- FOREST PUCKET, Student Assistant in Anatomy. *Station 20*
- FRANK LOUIS RAMOS, Lecturer in charge of instruction in  
Practical Banking. *4338 Cleveland Avenue*
- PORTIA PIERCE RANDOLPH, A. B., Instructor in Domestic Art.  
*1817 Calhoun Street*
- JOHN CHRISTIAN RANSMEIER, A. M., Ph. D., Professor of  
German. *1404 Audubon Street*
- JOHN EBLEN RAU, Student Assistant in Surveying.  
*5701 Pitt Street*
- MARY RAYMOND, A. B., Teaching Fellow in Biology.  
*1324 Nashville Avenue*
- ELEANOR ELMIRE REAMES, Ph. D., Instructor in Physics.  
*609 Philip Street*
- CAROLINE FRANCIS RICHARDSON, A. M., Assistant Professor  
of English. *3123 Coliseum Street*
- LILLIE RICHARDSON, A. M., Instructor in History.  
*1729 Coliseum Street*
- ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of  
Classical Languages. *7524 Commercial Street*
- †GLADYS GERTRUDE RITCHIE, B. DES., Instructor in Art.
- CLAUDE GREEN RIVES, JR., Lecturer in charge of instruction in  
Practical Banking. *1636 Arabella Street*
- JAMES MARSHALL ROBERT, B. E., Professor of Machine  
Design. *2432 Calhoun Street*
- ERNEST ALEXIS ROBIN, B. Sc., M. D., Professor of Diseases of  
the Eye. *1315 Webster Street*
- ANITA GONZALEZ ROESCHNEIDER, Instructor in Piano.  
*1519 Audubon Street*
- AMÉLIE ROMAN, Assistant Professor of Drawing and Design.  
*1236 N. Robertson Street*

---

† Resigned.

MAURICE SAMUEL ROSENTHAL, B. S., M. D., Assistant Instructor in Clinical Medicine. 2026 *Carondelet Street*

†JAMES EDWARD ROUTH, Ph. D., Associate Professor of English.

ADOLPH KAUFMAN SCHARFF, Student Assistant in War Issues.

*Station 20*

LESTER DANIEL SCHARFF, Student Assistant in English.

*Station 20*

ERNEST CHARLES SAMUEL, M. D., Instructor in Clinical Medicine and Radiology. 1522 *Aline Street*

†ERNEST EMILE SCHUYTEN, Instructor in Violin.

RALPH JACOB SCHWARZ, A. M., LL. B., Professor of Law.

1716 *Dufossat Street*

LEONARD CASE SCOTT, Ph. D., M. D., Instructor and Director of the Laboratory of Hygiene and Public Health.

442 *Lowerline Street*

WILLIAM HENRY SEEMANN, M. D., Dean of School of Hygiene and Tropical Medicine, and Professor of Hygiene.

4439 *de Montluzin Street*

THOMAS BENTON SELLERS, Ph. C., M. D., Clinical Assistant in Gynecology and Obstetrics, and Instructor in Anatomy.

7808 *Elm Street*

LUTHER SEXTON, M. D., Assistant Professor of Clinical Minor Surgery.

1623 *Fourth Street*

GARVIN DENNIS SHALLENBERGER, A. B., B. S., Instructor in Physics.

2222 *Upperline Street*

COVINGTON HARDY SHARP, M. D., Clinical Assistant in Otology.

7325 *St. Charles Avenue*

MARY GIVEN SHEERER, Assistant Director of Pottery, and Professor of Pottery and China Decoration.

1006 *Broadway*

LILLIAN SHELLEY, Professor of Domestic Art.

*Newcomb College*

RALPH EUGENE SHERWOOD, D. D. S., Assistant Professor of Prosthetic Dentistry

7400 *Pearl Street*

JOSEPH SICOMO, Student Assistant in Anatomy.

2532 *Dante Street*

HENRY THEODORE SIMON, M. D., Assistant in Clinical Medicine.

1617 *St. Charles Avenue*

SIDNEY KOHN SIMON, A. B., M. D., Assistant Professor of Clinical Medicine.

1533 *Henry Clay Avenue*

---

†Resigned.

- GERTRUDE ROBERTS SMITH, Professor of Water-color Painting  
and Decoration of Textiles. 8029 *Zimple Street*
- VICTOR CONWAY SMITH, M. D., Assistant Professor of Ophthalmology. 1417 *Annunciation Street*
- †WILBUR CLEVELAND SMITH, M. D., Professor of Gross Anatomy.
- JOHN SMYTH, M. D., Professor of Oral Surgery, and Assistant  
Professor of Clinical Surgery. 7 *Richmond Place*
- ISABELLA STIRLING SNODGRASS, A. B., Supervisor of Musical  
Practice. 1435 *Oclavia Street*
- MARION SIMS SOUCHON, M. D., Assistant Professor of Clinical  
Surgery. 2405 *St. Charles Avenue*
- ADELIN ELAM SPENCER, A. M., Assistant Professor of Chemistry and Geology. 1111 *Lowerline Street*
- MARY CASS SPENCER, M. Sc., Professor of Mathematics. 1111 *Lowerline Street*
- PERCIVAL STERN, B. E., Lecturer in charge of instruction in  
Business and Office Management. *Oclavia Apartments*
- THOMAS DAVID STEWART, Student Assistant in Chemistry. 2331 *Chestnut Street*
- DANIEL WEBSTER STEWART, JR., Student Assistant in War  
Aims. *Station 20*
- IMOGEN STONE, A. M., Associate Professor of English. 1220 *Pine Street*
- JACOB AMBROSE STORCK, M. Ph., M. D., Professor of Diseases  
of the Digestive System. 1460 *Nashville Avenue*
- ROBERT ALEXANDER STRONG, M. D., Assistant Professor of  
Pediatrics. *Pass Christian, Miss.*
- MARY CLAYTON SUMNER, A. B., Teaching Fellow in Psychology. 1020 *Audubon Street*
- DAGNY SUNNE, Ph. D., Assistant Professor of Psychology. 8029 *Zimple Street*
- GEORGE JAMES TAQUINO, M. D., Clinical Assistant in Diseases  
of Ear, Nose, and Throat. 4149 *Canal Street*
- AUGUSTE JOSEPH TETE, B. E., Instructor in Drawing. 1516 *Kerlerec Street*
- SUSAN DINSMORE TEW, Ph. D., Professor of Greek. 7729 *Hampson Street*
- JAMES MARIA THURINGER, M. D., Assistant Professor of  
Anatomy. 7419 *Hampson Street*

---

†Resigned.

- OSCAR JOSEPH TRAPPEY, D. D. S., Demonstrator of Clinical Dentistry. 3216 *Prytania Street*
- LOTA LEE TROY, Assistant Professor of Art. 7443 *Maple Street*
- CHARLES JOSEPH TURCK, A. M., LL. B., Professor of Law. 7732 *Sycamore Street*
- LOUIS IRA TYLER, M. D., Clinical Assistant in Pediatrics. 1551 *Canal Street*
- GEORGE HAMPDEN UPTON, M. D., Assistant in Operative Surgery. 1302 *Jackson Avenue*
- ROY McLEAN VAN WART, A. B., M. D., Professor of Psychiatry. 450 *Audubon Street*
- ARTHUR VIDRINE, A. B., Student Assistant in Physiology. 1911 *Milan Street*
- DAVID FREDERICK WAIDE, M. D., Instructor in Otolology, Rhinology and Laryngology. 7506 *Hampson Street*
- LEWIS FARRINGTON WAKEMAN, Student Assistant in the College of Commerce. 2928 *Gen. Pershing Street*
- CHARLES ARTHUR WALLBILICH, M. D., Clinical Assistant in Gynecology and Obstetrics. 1429 *N. Broad Street*
- FREDERICK WALRATH, Acting Instructor in Ceramic Chemistry. 1212 *Seventh Street*
- EDWARD HENRY WALSDORF, Adjunct Professor of Commercial Pharmacy. 902 *Peters Avenue*
- ALICE WEDDELL, Instructor in Piano. 2011 *Prytania Street*
- JOSEPH DEUTSCH WEIS, M. D., Professor of Tropical and Clinical Medicine. 1448 *Jackson Avenue*
- MELVIN JOHNSON WHITE, Ph. D., Professor of History. 1139 *State Street*
- ROY WHITE, D. D. S., Assistant Demonstrator of Clinical Dentistry. 1728 *Jackson Avenue*
- BENEIJAH GIBSON WILBERT, M. D., Clinical Assistant in Otolology, Rhinology, and Laryngology. 815 *Pine Street*
- CHARLES SAMUEL WILLIAMSON, JR., M. S., Professor of Industrial Chemistry. 1221 *N. Tonti Street*
- ARMAND LOUIS WILLOZ, Student Assistant in Drawing. 835 *Fern Street*
- THEODORE WILSON, D. D. S., Assistant Demonstrator of Clinical Dentistry and Operative Technics. 624 *Audubon Street*
- JAMES EDWARD WINSTON, M. A., Ph. D., Professor of History and Economics.

[Absent on leave on Military duty.]



VIRGINIA REESE WITHERS, A. B., Instructor in French.

2340 *Prylania Street*

†CAROLINE SPELMAN WOGAN, A. B., B. Des., Instructor in Art

‡LOUIS GALLY WOGAN, M.D., Demonstrator in Diseases of the Eye

FREDERICK JACOB WOLFE, D. D. S., Demonstrator of Clinical  
Dentistry.

2231 *Magazine Street*

JAMES TOWNSEND WOLFE, M. D., Instructor in Pediatrics.

1719 *N. Claiborne Avenue*

ANNIE MIRIAM WOOD, Instructor in Domestic Science.

1515 *Dufossat Street*

WALLACE WOOD, JR., D. D. S., Dean of the School of Dentistry.

Professor of Operative Dentistry.

7624 *Commercial Street*

ELLSWORTH WOODWARD, Director of School of Art, Professor  
of Drawing, Painting and Design, and Lecturer on History of Art.

1316 *Pine Street*

WILLIAM WOODWARD, Professor of Drawing and Painting, and  
Instructor in Architecture.

7324 *Sycamore Street*

EDWARD LIONEL JOSEPH ZANDER, Student Assistant Instructor  
in Physiological Chemistry and in Physiology.

821 *N. Rampart Street*

---

†Resigned.

‡Died, June 7, 1919.

## OFFICERS OF ADMINISTRATION

(ARRANGED ALPHABETICALLY)

- JOHN ANDREW BACON, Clerk and Curator of Buildings of the  
College of Medicine. *129 N. Scott Street*
- OSWALD CADOGAN BELFIELD, Registrar for the School of Med-  
icine, Secretary to the Medical Faculty. *1551 Canal Street*
- MINNIE MARIE BELL, Librarian in Charge of the Tulane University  
Library. *2042 Prylania Street*
- RICHARD KEARNY BRUFF, Registrar of the University.  
*7427 Hampson Street*
- JAMES DOYLE BYRNE, Cashier, Tulane Educational Fund.  
*1678 Robert Street*
- LILIAN ALICE COLLENS, Stenographer to the Dean of School of  
Medicine. (Hutchinson Memorial.) *1309 Berlin Street*
- LOUISE COLLENS, Stenographer to the Dean of the Graduate  
School of Medicine. *1309 Berlin Street*
- KATHARINE WILLIAMS COLLINS, Stenographer to the President  
of Newcomb College. *7014 St. Charles Avenue*
- FRANCES ESHLEMAN CRAIG, A. B., Secretary of Newcomb Col-  
lege. *1138 Third Street*
- BENJAMIN CRUMP, SR., Bursar of the University.  
*3726 Prylania Street*
- ALBERT JEFF. DICKERSON, Manager University Press.  
*370 Pine Street*
- ELISABETH DUCROS, Assistant Librarian, Newcomb College Lib-  
rary. *1835 Upperline Street*
- JAMES HIELD FINLEY, Assistant Registrar and Bursar for the  
College of Commerce and Business Administration.  
*323 Olivier Street*
- FLORENCE MARIE FOUERT, Stenographer (Newcomb College).  
*913 Eighth Street*
- MENA MANDEVILLE GLEASON, Matron of Residence.  
*Newcomb College*
- †EDWARD ALEXANDER GRAF, Superintendent of Buildings and  
Grounds. *7223 Oak Street*
- TUDOR TUCKER HALL, Mechanician in the Physical Laboratory.  
*2319 Joseph Street*
- ESTHER FINLAY HARVEY, A. B., Librarian in charge of New-  
comb College Library. *1737 Jackson Avenue*
- LEONARD HAUESER, First Assistant Engineer, Tulane Campus.  
*2361 Rousseau Street*

† Resigned.

- JOSEPH NORMAN HEDRICK, Engineer, Newcomb College.  
815 *Antonine Street*
- SALLIE HENDERSON HUDDLESTON, Manager of Residence.  
*Newcomb College*
- HERMAN FAIR HUSTEDT, Superintendent of Shops and Power  
Plant, Tulane Campus. 6320 *Story Street*
- SUSAN BENTON KEANE, Stenographer and Secretary to the  
President of the University. 1201 *St. Andrew Street*
- MAUDE MARGARET KENNEDY, Stenographer, School of Med-  
icine. (Richardson Memorial). 4521 *Clara Street*
- ODILE THERESA JENFER, Stenographer to the Treasurer of the  
Tulane Educational Fund. 524 *N. Hennessey Street*
- BERNARD CONRAD KOLMAN, Assistant Registrar for Newcomb  
College. 432 *Fern Street*
- ALEXANDER ST. JOHN LABRY, Registrar for the Graduate  
School of Medicine. 809 *Exposition Boulevard*
- DANIEL FRANK LAYMAN, Manager of Academic and Medical  
Dormitories, and University Purchasing Agent. *Station 20*
- SARAH LEA, Stenographer, School of Art (Newcomb College).  
5320 *Danneel Street*
- THEODORIC CECIL LYON, Manager Co-operative Book Store.  
*Station 20*
- SARAH MAGILL, Clerk of the Laboratory of Clinical Medicine and  
of the Laboratory of Hygiene. 450 *Lowerline Street*
- JOSEPH MEYER, Potter (Newcomb College).  
825 *Fourth Street*
- LOUISE MORGAN MILNER, Assistant Librarian, Tulane Univer-  
sity Library. 3602 *St. Charles Avenue*
- PAUL THEODORE MOUCHON, Superintendent of Grounds and  
Buildings. 2920 *Annunciation Street*
- JANE GREY ROGERS, Librarian of the College of Medicine.  
1724 *Canal Street*
- DESIRÉE ROMAN, Clerk at Pottery (Newcomb College).  
1236 *N. Robertson Street*
- NANCY SHEPARD SNYDER, B. S., Assistant Librarian, Tulane  
University Library. 1462 *Arabella Street*
- LOUISE BERTHA TROESCHER, Stenographer to the Deans of  
the Colleges of Arts and Sciences and Technology and to the  
Registrar. 1038 *Robert Street*
- LAWRENCE ANDRÈ WOGAN, Secretary and Treasurer of the  
Tulane Educational Fund. 1462 *N. Miro Street*

### UNIVERSITY COUNCIL

The University Council consists of the President of the University, as chairman, the Deans of the several colleges or departments who are members *ex-officio*, and of one member elected by the Faculty of each of the colleges or departments from its own number to serve for two years.

The Council considers all scholastic questions relating to university administration or policy which in its opinion are of general university concern, and has jurisdiction to decide all such questions. Matters of dissent by any faculty from action by the Council are referred to the Board of Administrators for decision.

**Members of the University Council for 1918-1919:** President Dinwiddie, President *Emeritus* Sharp, Deans Aldrich, Bechtel, Butler, Chassignac, Creighton, Dixon, Dyer, Fenner, Seemann, Wood, and Professors C. C. Bass, Clo, Delaup, Gessner, LaMeslee, Landry, Lyon, E. J. Northrup, Robert, Tew.

---

### COMMITTEES OF THE UNIVERSITY FACULTY

The President of the University is *ex-officio* member of all committees.

**Committee on Admission and Advanced Standing:** Professors Bechtel, Menuet, Anderson, Lyon, Tew, Feingold, Wood, Turck, Langmaid.

**Committee on Affiliated Schools:** Professors Bechtel, Brown, Lyon, Butler, E. J. Northrup, Cocks, C. F. Richardson, Dyer.

**Committee on Athletics:** Professors Anderson, White, Langmaid, Riedel.

**Committee on Bookstore:** Professors Anderson, Riedel, Lyon.

**Committee on Commencement Week:** Professors Stone, Maxwell, A. H. Northrup, Riedel, Tew, Wood, Mr. Bruff.

**Committee on Courses for Teachers:** Professors Lyon, Dixon, Tew, Fletcher, White, Bechtel.

**Committee on Debating:** Professors Butler, White, Marin LaMeslee, McClure, Dunbar, Turck.

**Committee on Dormitories:** Professors Bechtel, Hardesty, Creighton.

**Committee on Fraternities:** Professors White, Moseley, Derickson, Turck, Hardesty.

**Committee on General Publicity:** Professors Dinwiddie, Dyer, Butler.

**Committee on Graduate Studies:** Professors Butler, Creighton, Bechtel, Ransmeier, Tew, Hardesty, Anderson, Clo, McClure.

**Committee on Infirmary:** Professors Dyer, Metz, Anderson, E. J. Northrup.

**Committee on Library:** Professors Cocks, Sharp, White, Bechtel, Anderson, Brown, Butler, LaMeslée, Miss Bell.

**Committee on Musical Activities:** Professors Maxwell, Reidel, Oechsner.

**Committee on Publications:** Professor Dinwiddie.

**Committee on Self-Help:** Professors Sellers, Aldrich, Robert, Langmaid, Crichlow.

**Committee on Student Publications:** Professors White, Men-  
uet, Butler, Hardesty.

**Committee on University Buildings and Grounds:** Professor Anderson, Chairman; Tulane Sub-Committee, Professors Cocks, Robert, Derickson; Newcomb Sub-Committee, Professors Dixon, E. Woodward, and Mr. Paul Andry.

## REQUIREMENTS FOR ADMISSION

---

The Board of Administrators and the several faculties of the Tulane University of Louisiana require for admission to the Freshman class a preparation equivalent to a four year course in High School work.

Applicants for admission to the Freshman Class of any college of the University should be not less than sixteen years of age. They should report to the Deans of their respective colleges at least one day before the time set for the entrance examinations, or for registration, in order that they may be properly instructed.

A preparation equivalent to a four years' course of high school work is required for entrance to the first year class in any College or School except the School of Pharmacy, in which the requirement is lower, and the School of Medicine, and the three-year course in the College of Law, in which the requirement is higher. These differences will be found in detail below.

ENTRANCE AND CONDITION EXAMINATIONS, in 1920, will be held as follows:

**SATURDAY, MAY 15.** Candidates who desire to enter for the coming session may present themselves for examination on this day and will be credited with any subject in which they may pass.

**MONDAY, SEPTEMBER 20, TO SATURDAY, SEPTEMBER 25.** Candidates will apply to the Registrar for schedule of examinations. [See below for detailed information on entrance requirements.]

Conditioned students will be examined on the same days as candidates for admission.

No charge is made for examination at the times set above; at any other time both applicants for admission and conditioned students pay a fee of two dollars for each special examination.

---

### I. GENERAL REQUIREMENTS

*For regular courses in the University (except in Pharmacy).*

The completion of a four years' high school course or its equivalent is required for entrance. In order that the University may ascertain whether an applicant possesses this required preparation, the following plan has been adopted.

- 1) A "unit" of high school work is a subject pursued through one school year, with not less than five recitation periods a week.
- 2) Fifteen units are required for full entrance.

3) With thirteen units a student may be admitted to partial standing, on condition that the deficiency be made up before the opening of the second college year. *No student will be permitted to register for any subject of his second year until his entrance conditions are removed.*

4) Applicants presenting less than 13 units will not be received.

5) These 15 or 13 units must include two units in English Composition, one unit in English Literature, two and one-half in Mathematics (except in the College of Arts and Sciences and Technology, where three units in Mathematics, including Solid Geometry, are required) and, (except in the School of Dentistry) at least two in a foreign language.

6) The required and elective units must be chosen from the following table, making in all 15 units for full standing:

1. English Composition	2	18. Biology	$\left\{ \begin{array}{l} \text{Bot. and Zool.} \\ \text{Bot. and Physiol.} \\ \text{Zool. and Physiol.} \end{array} \right\}$	1
2. English Literature	1 or 2	19. Botany		1
3. Elementary Algebra	1½ or 2	20. Zoology		1
4. Plane Geometry	1	21. Physiology		1
5. Solid Geometry	½	22. Physiography		1
6. Trigonometry	½	23. Freehand Drawing		1
7. Latin	2, 3 or 4	24. Mechanical Drawing		½
8. Greek	2 or 3	25. Wood-working		½
9. French	2 or 3	26. Foundry Work		½
10. Spanish	2	27. Forge Work		½
11. German	2 or 3	28. Machine Tool Practice		1
12. Ancient History	1	29. Appreciation of Art		1
13. Med. and Mod. Hist.	1	30. History of Art		1
14. English History	1	31. Harmony		1
15. American History	1	32. Appreciation of Music		1
16. Physics	1	33. Musical Performance		1
17. Chemistry	1	34. Domestic Science		1
		35. Comparative Anatomy		1
		36. Pharmacy		1 or 2

The note books of laboratory work in Physics and Chemistry must be presented.

No. 5 required in Colleges of Arts and Sciences and of Technology only.

Nos. 29 to 36 inclusive, do not apply in the College of Law.

Nos. 24 and 25 do not apply in Newcomb College, except in the School of Art.

Nos. 26, 27, 28, 35 and 36 do not apply in Newcomb College.

Nos. 29 and 30 apply in Newcomb College (B. A. in Education and School of Art) only, and are determined by examination.

Nos. 31, 32 and 33 apply in the School of Music only, and are determined by examination.

No. 34 applies in Newcomb College (B. A. in Education and School of Household Economy) only.

Nos. 35 and 36 apply in College of Medicine only.

7) No entrance credit will be allowed in any subject for an amount less than the minimum or more than the maximum given in the table 6).

8) Certificates for work done in approved preparatory schools will be accepted only in the case of *graduates* of these schools. Applicants for admission who *have not graduated* from an approved school will be admitted only upon examination. An applicant coming directly from a high school from which he or she has not graduated shall not be admitted to examination for admission.

9) No applicant will be permitted to matriculate until his or her certificate has been examined by the Committee on Admission. Certificates should be sent to the Registrar of the University as soon as possible after closing of the school.

## II. SPECIAL REQUIREMENTS

### COLLEGE OF ARTS AND SCIENCES

a) Applicants entering for the degree of Bachelor of Arts must offer, in addition to the specified units in English and Mathematics, three units in Latin, and two units in Greek. For the two units in Greek, one unit in History and one in Science may be substituted.

b) Applicants entering for the degree of Bachelor of Science must offer, in addition to the specified units in English, Mathematics, and Language, two units in Science and two in History. For the two units in Science one additional unit in Mathematics and one in the Language selected under 5) may be substituted.

### COLLEGE OF TECHNOLOGY

Applicants entering for the courses leading to the degree of Bachelor of Architecture or Bachelor of Engineering must offer, in addition to the specified units in English, Mathematics and Language, two units in Science. For the two units in Science, one additional unit in Mathematics and one in the Language selected under 5), may be substituted.

### H. SOPHIE NEWCOMB MEMORIAL COLLEGE

a) An applicant for admission to the course leading to the degree of Bachelor of Arts must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, 3 in a Major Language (if Latin, 4), 2 in a Minor Language (if Latin, 3,) and 1 in either Physics or Chemistry, and electives to 13 or 15 as above indicated. For a Minor Language, 2 units in History may be substituted.



b) An applicant for admission to the course leading to the degree of Bachelor of Arts in Education must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, 2 in a language, 1 in Chemistry or Physics and electives to 13 or 15 as above indicated. If she intends to take the Art elective, she must offer 1 unit in Freehand Drawing. If the Household Economy elective, 1 unit in Chemistry and 1 unit in Freehand Drawing must be included.

c) An applicant for admission to the course leading to the degree of Bachelor of Design must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, and at least 2 units in a language, 1 unit in Freehand Drawing, and electives to 13 or 15 as above indicated.

d) An applicant for admission to the course leading to the degree of Bachelor of Music, must offer 3 units in English,  $2\frac{1}{2}$  in Mathematics, at least 2 units in a language, and electives to 13 or 15 as above indicated.

- An applicant for admission into classes in Domestic Art must have had some practice in the correct use of the tools used in sewing, and must give evidence of being able to handle them with some skill.

In addition to the general requirements, an applicant for admission to the regular courses of the School of Music, with piano or organ as the major instrument, must show some technical proficiency.

#### THE COLLEGE OF MEDICINE SCHOOL OF MEDICINE

Applicants for admission to the Freshman year in the School of Medicine must submit (1) official evidence of graduation from a four-year high school course with 15 units, which must include three units in English, two and a half in Mathematics, two in Latin, Greek, French, German, or Spanish, and one in History; (2) certificate showing credits for two years of acceptable college work of not less than 30 year hours, or 60 semester hours which must include one year of Biology, one year of Physics, one year of General Chemistry, one half-year of Organic Chemistry, one year of English, and one year of German or French. (For the session of 1919-1920, Organic Chemistry may be carried as a condition.) (See Bulletin of School of Medicine for detailed requirements for admission to the Freshman Class).

#### SCHOOL OF DENTISTRY

Applicants must offer three units in English, two and one-half units in Mathematics, and the additional nine and one-half units from the other subjects listed under 6). Applicants presenting less than 15

units will not be admitted. (See Bulletin of School of Dentistry for detailed requirements for admission).

#### SCHOOL OF PHARMACY

- a) Twelve units are required for entrance.
- b) Applicants with ten units may be admitted to partial standing.
- c) All applicants must offer three units in English, two and one-half units in Mathematics, and the additional six and one-half units from the other subjects listed under 6). (See Bulletin of School of Pharmacy for detailed requirements for admission).

#### COLLEGE OF LAW

- a) All applicants for admission to the four-year course must offer three units in English, two and one-half in Mathematics, and at least two in a foreign language, and the additional seven and one-half units from the other subjects listed under 6).
- b) Applicants for admission to the three-year course must offer the fifteen units specified above, and in addition thereto, must have satisfactorily completed one year of college work. (See Bulletin of College of Law for detailed requirements for admission).

#### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

- a) Applicants under twenty years of age must satisfy the entrance requirements. (See General Requirements).
- b) Applicants twenty years of age or over, are admitted as special students on evidence of their ability to profit by the course or courses which they select.

### 1. English Composition

Preparation equivalent to the following will be required for admission:

As much as five recitations a week should be devoted to English composition for two years of the high school course, or the equivalent may be attained through giving two hours a week for two years, and three hours a week for two years more. The greater part of this time should be devoted to practice in writing. Close attention should be given to spelling, sentence structure, and division into paragraphs. The candidate will be required to show a good knowledge of the principles of English grammar and the fundamental principles of rhetoric, and an ability to think consecutively and express himself or herself clearly on simple subjects.

2 units

## 2. English Literature

As much as three hours a week for one year, and two hours a week for one year more, should be devoted to the study of English literature. 1 unit

An additional unit of credit in English will be allowed to schools devoting as much as one year (five recitations each week, or dividing the time between two years, as suggested above) to the study of literature and to continued practice in writing. This requirement may be met by a course combining any two of the following plans, or by a course covering a full year in plans (a) or (b) and treating the subject with greater thoroughness in detail than is indicated in the suggested outline of those plans:

(a) An outline of the history of American literature, using a text equivalent to Pancoast's *Introduction to American Literature*, accompanied by class room study of representative selections (complete pieces where possible) from such writers as Franklin, Irving, Lowell, Hawthorne, Emerson, Poe, Bryant, Whittier, Longfellow, Lanier and Bret Harte.

(b) A course in argumentation, including study of the rhetorical principles, adequate practice in constructing both the brief and the complete argument, and thorough study of both structure and subject matter of several specimens of standard forensic argument such as speeches of Burke and of Webster.

(c) An outline of the history of the English language, using a text equivalent to Kittredge's *Words and Their Ways in English Speech*.

The candidate examined to test the thoroughness of the preparation above described will be required to write several short paragraphs on topics taken from the books enumerated below. A number of these topics will be presented, probably fifteen or twenty, for selection, from which the candidate is expected to choose three or four for the examination paper. The treatment of these is designed to test the power of clear and accurate expression. Only a general knowledge of the subject matter will be required. The candidate will also be permitted to present exercise books or compositions properly attested by the teacher.

The books set for these examinations in 1920 will be:

STUDY AND PRACTICE: Shakespeare's *As You Like It* and *Julius Caesar*; Homer's *Odyssey*; Macaulay's *Essays on Johnson* and on *Addison*; Swift's *Gulliver's Travels* (I and II), or Defoe's *Robinson Crusoe*, or Goldsmith's *Vicar of Wakefield*, or any novel of Jane Austen's.

**TO BE READ:** Coleridge's *Ancient Mariner*; Poe, *Selected Tales*; Stevenson's *Inland Voyage* and *Travels with a Donkey*; *Old Testament*, chief narratives from the Bible, such as those in Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, and Esther; Irving's *Sketch Book*; Lowell's *Vision of Sir Launfal*; Scott, any novel and *Marmion*; Shakespeare, *Hamlet*, and two other plays; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Dickens, any novel; Carlyle's *Essay on Burns*.

The candidate will be expected to possess a fair knowledge of the biographies of authors.

Clear and correct English is expected in all examinations, and an adequate understanding of grammar and rhetoric will be required. *No candidate markedly deficient in English will be admitted to any course in the College.*

### 3. Elementary Algebra

The candidate should possess a thorough knowledge of all the fundamental processes of algebra from simple addition through quadratic equations of one or more unknown quantities, as found in a text of the grade of Slaughter and Lennes High School Algebra. The candidate must be able to factor any ordinary product; to find the greatest common divisor or the least common multiple; to solve simple or simultaneous equations of the first degree, especially those involving fractions; to extract the square or cube root; to solve any quadratic by completing the square, as well as by other methods; to solve the type equations in simultaneous quadratics; to handle fractional and negative exponents, and to interpret their meaning; to solve equations involving such exponents or involving radicals. The candidate must know how to solve problems from the statement of the conditions; must be able to do this work with ease and accuracy and must show the familiarity of constant and abundant practice. The completion of these subjects will give  $1\frac{1}{2}$  units credit; but if two years are devoted to a course of more advanced study, the credit will be 2 units.

$1\frac{1}{2}$  units

### 4. Plane Geometry

The requirements in this course cover not only the whole of the text of plane geometry, but also a sufficient number of original problems to enable the student to solve such problems readily and accurately.

1 unit

### 5. Solid Geometry

The relations of lines and planes; the properties of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle, with original exercises in all these subjects.  $\frac{1}{2}$  unit

### 6. Trigonometry

This includes the theory and use of logarithms; the proof of the general formulæ of plane trigonometry, and the use of these formulæ in original problems, especially in the numerical solution of triangles.  $\frac{1}{2}$  unit

### 7. Latin

All candidates for admission should present a statement from their former teacher of the amount of Latin read and the text-books used.

*a.* Grammar, inflections, and the essentials of syntax; Caesar's Gallic War, Books I-IV, or an equivalent; Latin prose composition. The preparation should include an accurate knowledge of the forms of the language; the ability to pronounce Latin with proper attention to the quantity of the syllables; the ability to translate easy Latin prose into good, idiomatic English; the ability to turn simple English sentences into Latin. 2 units

*b.* In addition to the requirement under *a*, the candidate for admission should have had continued training in Latin forms and syntax; should have read six orations of Cicero, or an equivalent, with at least one exercise each week in turning into Latin connected English of simple style, and some training in translating easy Latin at sight. 1 unit

*c.* Continued training in Latin forms and syntax; at least six books of Virgil's Aeneid, or an equivalent. It should include a knowledge of the rules of prosody and ability to read hexameters metrically; also a review of prose syntax through systematic work in Latin writing. 1 unit

### 8. Greek

*a. Elementary.* Grammar, phonetics, inflections, formation of words, and the essentials of syntax; Xenophon's Anabasis, I-IV, or an equivalent; Greek prose composition, once a week in connection with the reading of the text. The candidate for admission should be able to read Greek aloud without stumbling and to translate simple, easy prose at sight.

Text-books suggested:

Ball, *Elements of Greek*, or White's *First Greek Book*, or Burgess and Bonner, *Elementary Greek*; Hadley-Allen or Goodwin, *Greek*

*Grammar*; Goodwin-White or Smith, *Xenophon's Anabasis*; Jones or Gleason or Collar-Daniell, *Greek Prose Composition*.

2 units

*b. Advanced.* Homer, *Iliad*, I-III, or an equivalent; advanced prose composition. The candidate must show a thorough acquaintance with the forms and syntax of Homeric Greek and must be able to read metrically, with accurate attention to quantities and rhythm, any given passage of Homer. The candidate should have in addition to the requirements under *a*, at least one exercise each week in turning English into Greek.

1 unit

## 9. French

*a. Elementary.* The elementary study of the languages, covering two years of daily recitations, should lay stress on the following points:

1. An accurate knowledge of the forms of the language, including regular and irregular verbs. Particular attention should be devoted to this part of the subject; constant drill in the verbal inflections, both written and oral, and dictation exercises are recommended. 2. The elements of syntax, such as the use of the article, the personal pronouns, the subjunctive, the partitive construction, and the agreement of the participle. 3. The ability to turn easy English prose into French (or Spanish). 4. The ability to read at sight ordinary French (or Spanish.) 5. The ability to pronounce correctly.

The reading in the elementary course should cover not less than six hundred duodecimo pages chosen from the works of at least three different authors.

2 units

*b. Advanced.* The advanced requirements are intended to represent three years of daily recitations. The reading in the advanced course should cover not less than three of the classic dramas (such as *Les Femmes Savants*, *Le Cid* and *Athalie*), and eight hundred pages of modern prose.

1 unit

## 10. Spanish

A candidate showing evidence of preparation in Spanish equivalent to that described for elementary French (*q. v.*) will be allowed two units for entrance.

2 units

## 11. German

(**Note.**—Although the University will no longer offer instruction in German, owing to the prohibition of such instruction by the General Assembly of the State, it seems just, for the present, to accept properly certified entrance credits in German).

All candidates should present a statement from their former teacher of the amount of German read and the text-books used.

a. *Elementary.* In the study of elementary German special attention should be given to the following points:

1. An accurate knowledge of the principles of elementary grammar, embracing especially inflections, word-order, the composition of words, the force of prefixes.
2. The ability to translate easy prose from English into German. Proficiency in this can only be obtained through constant oral and written drill in the inflections and through ample written exercises in translation from English into German, fixing the rudiments of grammar.
3. The ability to pronounce German through careful study of the rules of pronunciation and accentuation and through daily and abundant practice in reading aloud.
4. The ability to translate easy German prose and verse into English. Preparation for this would be represented by reading material of the character of some good reader and of books of the quality of *Guerber's Märchen und Erzählungen*, *Heyse's L'Arrabiata*, *Storm's Immensee*, *Frommel's Eingeschneit*, or their equivalents. At least three such books should be read, together with easy comedies of the type of *Benedix's Die Hochzeitsreise*; *Fulda's Unter Vier Augen*, *Rosen's Ein Knopf*, or their equivalents.
5. The ability to recognize German words and simple sentences when spoken. 2 units

b. *Advanced.* In addition to the requirements for elementary German in grammar and reading, candidates must present:

1. A thorough knowledge of the modal verbs, the strong verbs, and of more advanced syntax, with special reference to the use of the cases, tenses, and moods.
2. The reading required must be obtained by the careful perusal of contemporary prose, as represented by *Keller's Kleider machen Leute*, *Jensen's Die Braune Erica*, *Riehl's Burg Neideck*, or their equivalents, supplemented by a drama of the quality of *Fulda's Der Talisman*, or *Moser's Ultimo*, and by poems as found in *Hatfield's German Lyrics and Ballads* or *Klenze's Deutsche Gedichte*. 1 unit

### 12-15. History

While text-book knowledge is valuable, candidates for credit in entrance history must submit evidence of a certain amount of work done outside the text-books. They must have received training in map drawing and in the investigation of topics requiring supplementary reading. They must show a considerable knowledge of the supplementary reading given below, with analysis of special chapters.

The evidence of such work may be presented in the form of a note book, containing the exercises of the student in any one of the four history subjects, or in the form of a detailed statement made by his teacher.

## 12. Ancient History

**Text-books:** The Oriental Nations:—West, *Ancient History*, 1-75; or Myers, *General History*, 1-86, or an equivalent. Greece:—Myers, *History of Greece*; or Botsford, *History of Greece*; or the equivalent, Rome:—Myers, *Rome*; or West, *Ancient History*; or Botsford, *Rome*; or an equivalent.

**For supplementary reading:**—Munro, *Source Book of Roman History*; Cox, *General History of Greece* (Student's Series); Pelham, *Outlines of Roman History*; Abbott, *Roman Political Institutions*; Ginn & Co., *Classical Atlas*.  
1 unit

## 13. Mediaeval and Modern History

**Text-books:** Myers, *Mediaeval and Modern History*; or Robinson, *History of Western Europe*; or an equivalent.

**For supplementary reading and reference:**—Robinson, *Readings in European History*; West, *Modern History*; Adams, *Civilization During the Middle Ages*, Fyffe, *History of Modern Europe* (Popular Edition); Munro and Sellery, *Mediaeval Civilization*; Dow, *Historical Atlas*.  
1 unit

## 14. English History

**Text-books:** Andrews, *History of England*; Coman & Kendall, *History of England*; or Ransom, *Advanced History of England*; or an equivalent.

**For supplementary reading:**—Green, *Short History of the English People*; Traill, *Social England*; Adams & Stephens, *Select Documents of English Constitutional History*; Kendall, *Source Book of English History*; Lee, *Source Book of English History*; University of Pennsylvania, *Translations and Reprints*; Gardiner, *School Atlas of England*.  
1 unit

## 15. American History

**Text-books:** Chambers, *History of the United States*; or Montgomery, *American History*; or an equivalent; and Hart, *Actual Government*; or Ashley, *American Federal Government*; or an equivalent.

**For supplementary reading and reference:**—"Epochs of American History" series; Hart, *American History told by Contemporaries*; MacDonald, *Select Charters, Select Documents and Select Statutes*; McCoun, *Historical Geography of the United States*.  
1 unit



### 16. Physics

A general elementary course occupying at least five hours a week for one year, at least one-third of which time is to be devoted to individual laboratory practice. The instruction should include abundant illustrative lecture room experiments, and should devote special attention to the illustrations of physical principles to be found in every-day life.

The scope of the work required is about that indicated by the Carhart & Chute, *First Principles of Physics*; the Milliken and Gale, *First Course in Physics*; or the Hoadley, *Elements of Physics*; together with not less than thirty-five standard laboratory experiments equivalent in grade to those found in the Laboratory Manuals accompanying texts named.

I unit

### 17. Chemistry

The applicant for admission offering chemistry as one unit should have mastered the elementary principles of inorganic chemistry and learned the chemical characteristics of a few of the common metals and non-metals. He should be able to express his thoughts clearly and to understand and employ chemical symbols and equations. Two-fifths of the time given to the study should be devoted to individual laboratory work.

I unit

### 18. Biology (Botany and Zoology)

One year's work divided between Botany and Zoology, according to the scheme presented under 19 (Botany) and 20 (Zoology).

Text-book suggested: Hunter, *Essentials of Biology*.

I unit

### 19. Botany

Structure and classification of the flowering and higher orders of the non-flowering plants, A working knowledge of the compound microscope.

Text-book suggested: Coulter, *Plant Studies*, or Barnes, *Plant Life*.

I unit

### 20. Zoology

A thorough knowledge of animal life in general, such as may be obtained by out-door observations of the habits of wild and domestic animals under the guidance and supervision of a competent instructor.

Text-book suggested: Jordan and Kellogg, *Animal Life*; or an equivalent.

I unit

### 21. Physiology

The structure and functions of the human body. Text-books suggested: Hough and Sedgwick's, *The Human Mechanism*, or Fitz, *Principles of Physiology and Hygiene*.

A candidate for entrance who has taken only the work in elementary physiology and hygiene done in the grammar or intermediate grades is not prepared to offer the subject for entrance credit. The elementary physiology and hygiene of the grammar grades in this regard, are in the same category as are the other subjects studied in the grammar grades, such as arithmetic and geography, which are assumed as preliminary to the subjects offered for entrance. 1 unit

### 22. Physiography

The equivalent of Salisbury's *Physiography, Briefer Course*; or Davis, *Physical Geography*, with a laboratory and field course of exercises actually performed by the candidate. The original note-book, certified by the teacher, and recording, with dates, the steps and results of the observations made by the candidate, should be submitted as evidence of the nature of the work. 1 unit

### 23. Freehand Drawing

The candidate for entrance to the College desiring credit in drawing must show ability to draw from plaster cast of ornament or from the object; to use water colors in simple form; and must submit examples of elementary design and working drawing. 1 unit

### 24. Mechanical Drawing

The candidate is expected to have acquired neatness and accuracy in the use of drawing instruments. The course should have included practice in line work, lettering and simple mechanical drawing, and tracing.

There should be presented for inspection as much of the work as possible, duly certified by the teacher. As an examination the candidate may be called upon to make a simple working drawing of some specified object. ½ unit

### 25. Wood-working

The ability to recognize the common varieties of wood and some knowledge of their physical properties, such as ease of working, strength, toughness, hardness, etc., is expected. Candidates must have a knowledge of, and skill in the use of, all bench tools used in the construction of the various joints and fastenings; proficiency in the use of wood-turning tools, and skill in the construction and finishing of patterns and core-boxes. They should be familiar

with the operation of the lathe, band-, and circular-saws, and planing machines.  $\frac{1}{2}$  unit

### 26. Foundry Work

The candidate must have a comprehensive knowledge of, and experience in general foundry practice, embracing the making of moulds and cores, the care of the cupola in the melting of metals, and the pouring and mixing of metals.  $\frac{1}{2}$  unit

### 27. Forge Work

This demands an elementary knowledge of the properties of wrought iron and steel, and of the proper heats at which to work them. The management of forge and fire and the nature and uses of all the ordinary blacksmithing tools should be known. The candidate must be proficient in the operations of drawing out, upsetting, bending and twisting of metal into simple designs; in the art of welding and the proper treatment of steel, in the forging and tempering of tools.  $\frac{1}{2}$  unit

### 28. Machine Tool Practice

To obtain a credit of 1 unit in Machine Tool Practice, a student must have acquired the arts of chipping, filing, and scraping, also experience in laying out work and the manipulation of the lathe, planer, and scraper, and the ability to produce machine work of a simple character.

Technique is considered of prime importance in the above requirements. 1 unit

### 29. Appreciation of Art

A student offering art appreciation for college entrance will be required to show by examination or satisfactory credentials, appreciation of art as a cultural resource; to analyze the meaning of works of art and to express a critical judgment as to their individual worth. 1 unit

### 30. History of Art

A student offering art history for college entrance credit should present satisfactory evidence of familiarity with the rise and development of art in Europe or the United States. 1 unit

### 31. Harmony

The candidate should have acquired:

1. The ability to harmonize, in four vocal parts, simple melodies of not fewer than eight measures, in soprano or in bass. These melodies will require a knowledge of triads and their inversions, of diatonic seventh chords and inversions, in the major and minor modes; and of modulation, transient or complete, to nearly related keys.

2. Analytical knowledge of ninth chords, all non-harmonic tones, and altered chords (including augmented chords). (Students are encouraged to apply this knowledge in their harmonization.)

It is urgently recommended that systematic ear-training (as to interval, melody and chord) be a part of the preparation for this examination. Simple exercises in harmonization at the pianoforte are recommended. The student will be expected to have a full knowledge of the rudiments of music, scales, intervals, and staff notation, including the terms and expression-marks in common use. 1 unit.

### 32. Musical Appreciation

The candidate is expected to have:

1. A general knowledge of the principal musical forms, song, classic dance, fugue, sonata (all movements), symphony, and of their historical development.

2. A general knowledge of the lives and environment of at least ten composers, including Bach, Mozart, Beethoven, Schubert, Chopin, and five of the following: Händel, Gluck, Haydn, Weber, Mendelssohn, Schumann, Wagner, Verdi, Brahms, Tschaikowsky, Grieg, MacDowell.

3. Familiarity with certain designated works. *Bach*, Prelude II and Fugue II, Book I, Well-tempered Clavichord, Gavotte from 6th English Suite; *Händel*, The Hallelujah Chorus; *Haydn*, slow movement from "Emperor Quartet" (Op. 76, No. 3); *Mozart*, Symphony in G minor (entire); *Beethoven*, Sonata, Op. 31, No. 3 (entire), slow movement from Second Symphony, first movement from Seventh Symphony; *Schubert*, first movement from Unfinished Symphony, song, "Erl-King", song, "Hark, Hark the Lark"; *Mendelssohn*, overture to "Midsummer Night's Dream"; *Chopin*, Ballade, Op. 47, Polonaise, Op. 26, No. 1, Nocturne, Op. 37, No. 2; *Schumann*, Allegro from Faschingsschwank, Op. 26, No. 1, song, "Im wunderschönen Monat Mai"; *Wagner*, overture to "Tannhäuser", prize song from the "Mastersingers".

In the examination in 3 the candidate will be expected to identify characteristic portions of the works set, when played by the examiner, and to give intelligent information concerning the form and character of the works themselves. The test will not require ability to perform nor to read from printed music. 1 unit.

### 33. Musical Performance

The candidate is expected to show proficiency and taste in performance in singing, piano, organ, or an orchestral (Further

information regarding the requirements may be obtained by application to the Director of the School of Music.) 1 unit.

#### 34. Domestic Science

Five laboratory periods a week for 1 year (or, preferably, the same amount of work extended over two years). The course should include the study and preparation of foods, and household management, and should be accompanied by a course in general chemistry with laboratory. The study of food should be preceded by a month's study of the physiology of digestion and circulation.

Standard text books should be used for all of these subjects.

Textbooks suggested: Kinne and Cooley's *Foods and Household Management*; Greer's *Textbook of Cookery*; Bailey's *Domestic Science Principles and Applications*; Lincoln's *School Kitchen Textbook*.

1 unit.

#### 35. Comparative Anatomy

Applicants for admission to the School of Medicine may submit as one of the elective units, certified evidence of one year's study in Comparative Anatomy, including laboratory periods indicating dissection of at least two lower animals, and three or more periods of recitations per week.

1 unit

#### 36. Pharmacy

Applicants for admission to the School of Pharmacy may submit as one of the elective units, evidence of one year's study in Pharmacy at a regular school of pharmacy or at a college giving a course in pharmacy, including laboratory periods in pharmaceutical study, and at least three periods a week in recitation.

1 unit

---

### AFFILIATED SCHOOLS

The following regulation has been adopted by the Board of Administrators :

" If any Public or Private High School or Academy shall furnish to the President of the University satisfactory proof : (1) that it has adopted the curriculum of studies recommended by him, or its equivalent ; (2) that it has a corps of teachers competent for instruction therein ; (3) that it has enforced an adequate standard of examinations ; the President is hereby authorized to accept the certificate of the principal of such school that the student has followed the course and passed successfully the required examinations, as entitling such student to admission to the appropriate college course without further preliminary examination."

[The University desires to extend this list. Correspondence from principals desirous of affiliation is solicited.]

Central High School . . . . .	Birmingham, Ala.
Disque High School . . . . .	Gadsden, Ala.
Marion Military Institute . . . . .	Marion, Ala.
Mobile High School . . . . .	Mobile, Ala.
University Military School . . . . .	Mobile, Ala.
University School . . . . .	Montgomery, Ala.
Hope High School . . . . .	Hope, Ark.
Magnolia High School . . . . .	Magnolia, Ark.
Pine Bluff High School . . . . .	Pine Bluff, Ark.
Duval County High School . . . . .	Jacksonville, Fla.
Pensacola High School . . . . .	Pensacola, Fla.
Columbus High School . . . . .	Columbus, Ga.
Abbeville High School . . . . .	Abbeville, La.
Bolton High School . . . . .	Alexandria, La.
Arcadia High School . . . . .	Arcadia, La.
Bastrop High School . . . . .	Bastrop, La.
Baton Rouge High School . . . . .	Baton Rouge, La.
Bienville High School . . . . .	Bienville, La.
Brusly High School . . . . .	Brusly, La.
Crowley High School . . . . .	Crowley, La.
Donaldsonville High School . . . . .	Donaldsonville, La.
Franklin High School . . . . .	Franklin, La.
Gibsland High School . . . . .	Gibsland, La.
Hammond High School . . . . .	Hammond, La.
Homer High School . . . . .	Homer, La.
Lorton Preparatory School . . . . .	Houma, La.
Terrebonne High School . . . . .	Houma, La.
Jennings High School . . . . .	Jennings, La.
Lake Charles High School . . . . .	Lake Charles, La.
Marksville High School . . . . .	Marksville, La.
Minden Graded High School . . . . .	Minden, La.
City High School . . . . .	Monroe, La.
Ouachita Parish High School . . . . .	Monroe, La.
Napoleonville High School . . . . .	Napoleonville, La.
New Iberia High School . . . . .	New Iberia, La.
Chenet Institute . . . . .	New Orleans, La.
T. W. Dyer's University School . . . . .	" " "
Ferrell's Military Institute . . . . .	" " "
Holy Cross College . . . . .	" " "

Isidore Newman Manual Training School .	New Orleans, La.
Rugby Academy . . . . .	" " "
St. Aloysius College . . . . .	" " "
Warren Easton Boys' High School . . . . .	" " "
St. Landry High School . . . . .	Opelousas, La.
St. Martinsville High School . . . . .	St. Martinsville, La.
Shreveport High School . . . . .	Shreveport, La.
Tallulah High School . . . . .	Tallulah, La.
Vidalia High School . . . . .	Vidalia, La.
Washington High School . . . . .	Washington, La.
Amory High School . . . . .	Amory, Miss.
Biloxi High School . . . . .	Biloxi, Miss.
Brookhaven High School . . . . .	Brookhaven, Miss.
Como High School . . . . .	Como, Miss.
Laurel High School . . . . .	Laurel, Miss.
Meridian High School . . . . .	Meridian, Miss.
Natchez High School . . . . .	Natchez Miss.
Jefferson Military College . . . . .	Washington, Miss.
Columbia Military Academy . . . . .	Columbia, Tenn.
Castle Heights High School . . . . .	Lebanon, Tenn.
McFerrin School . . . . .	Martin, Tenn.
Central High School . . . . .	Memphis, Tenn.
Beaumont High School . . . . .	Beaumont, Texas.
Allen Academy . . . . .	Bryan, Texas.
Dallas High School . . . . .	Dallas, Texas.
Denton High School . . . . .	Denton, Texas.
Dublin High School . . . . .	Dublin, Texas.
Ennis High School . . . . .	Ennis, Texas.
Fort Worth High School . . . . .	Fort Worth, Texas.
Houston High School . . . . .	Houston, Texas.
San Antonio High School . . . . .	San Antonio, Texas.
Sherman High School . . . . .	Sherman, Texas.
Victoria High School . . . . .	Victoria, Texas,
Waco High School . . . . .	Waco, Texas.

## **GENERAL INFORMATION**

---

### **LOCATION AND BUILDINGS**

Like other large cities, New Orleans is a great laboratory of observation and study. Engineering, architecture, manufacturing of many sorts, sociology, economics, music, art, law, medicine, all the great interests of society are here exhibited in fullest activity. Properly used the city constitutes a most important asset of a great university, since it offers opportunities of inspection or of actual participation in a manner not possible for an institution differently situated. Tulane University endeavors to secure for its students the fullest benefit from the opportunities thus offered.

The University, in all its departments, is located in the City of New Orleans. The Colleges of Arts and Sciences and Technology, the H. Sophie Newcomb College, the Graduate Department, the College of Law, the first and second years of the School of Medicine, the School of Pharmacy, and the first two years of the School of Dentistry are on the Campus in St. Charles Avenue, opposite Audubon Park, in the handsomest and most rapidly improving residential district. Students of the third and fourth years of the School of Medicine and of the School of Dentistry, the students of the Graduate School of Medicine and of the School of Hygiene and Tropical Medicine are taught in the Hutchinson Memorial building in Canal Street, which is in close proximity to the great Charity Hospital, the unrivaled facilities of which are freely used in their instruction. The College of Commerce and Business Administration holds its day courses in Gibson Hall and its night courses in the rooms of the New Orleans Association of Commerce, which generously provides ample quarters.

About one hundred acres of the tract on St. Charles Avenue have been set apart as a campus, and upon this the following buildings have been erected: Gibson Hall, named in honor of General Randall Lee Gibson, first President of the Board of Administrators; the Physics Building; the Richardson Chemistry Building; a group of Engineering Buildings, consisting of the Experimental Engineering, Electrical Engineering, and Mechanic Arts Laboratories, and Drawing Rooms; the Richardson Memorial building; the Academic and Richardson Memorial Dormitories; the Stanley Thomas Hall; the Dining Hall; the Gymnasium; and the F. W. Tilton Memorial Library with its annex. The following buildings of Newcomb College, completed for session



of 1918-1919, are also on the Campus, occupying the section facing Broadway: Administration Building, Art Building, Residence Building, and Nos. 43, 57, and 61 Audubon Place (temporary quarters of the School of Music). The building No. 1011 Broadway, on the Campus, will be used as a Recreation Building, for Newcomb students.

In all its departments the University occupies twenty-two buildings, nearly all of which have been constructed within recent years and are in every respect modern in their design and appointments.

Immediately in the rear of the college campus are the athletic grounds, covering about six acres with a large concrete stadium. Here the students can find daily exercise within convenient distance of their college duties. The climate allows out-door exercise during the entire session.

By its situation which is practically insular, the city is protected alike from the extreme heat of summer and cold in winter. The climate, especially during the session of the University, is healthful and agreeable. It has been remarked especially by Northern visitors who find this a delightful place in which to escape from the rigor of a northern winter. Flowers bloom in the open and the green of the lawns is rivaled by that of the foliage of oaks, magnolias, palms and subtropical shrubbery.

An idea of climatic conditions can be formed by noting the official temperature reports from the United States Weather Bureau. The mean annual temperature for 39 years, is, for October, 70; for November, 67; for December, 55; for January, 54; for February, 57; for March, 63; for April, 69; and for May, 75.

---

### FELLOWSHIPS

The Peabody Fellowship in Economics, for encouragement of research into economic aspects of Southern welfare, is offered in the belief that promotion of original investigation of economic and social conditions in the South affords large opportunity for service.

The Peabody Fellow must engage to undertake research, under the direction of the Professor of Economics and Sociology, into some definite question concerning the economic and social welfare of the South.

This Fellowship is the gift of Mr. George Foster Peabody. Its holder receives, besides free tuition, a stipend of \$175. It is open to graduate students, whether graduates of Tulane University or not.

The Alumni Fellowship is offered to the most promising applicant for graduate work, irrespective of department. The Alumni

**Fellow** must have obtained a degree and must prove his ability to do independent, original investigation.

The Alumni Fellowship is endowed by the Alumni Association of the Tulane University of Louisiana. Its holder receives free tuition and \$250 a year. Application should be made to the President of the University. The appointment is made only for one year, but may be renewed at the discretion of the committee in charge.

**Fellowships in Newcomb College** are awarded by the Board of Administrators to graduates of this University or of other institutions of equal rank who are found after careful examination to be especially fitted by reason of scholarship, maturity, and character to give instruction under the direction and supervision of professors in charge. In each instance the fellow is expected to do graduate work, selecting her major subject in the department in which she gives instruction. The holders of these fellowships receive \$250 a year with free tuition. Information regarding these fellowships may be obtained from the President of Newcomb College.

---

## SCHOLARSHIPS

### IN THE COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY

**State Scholarships.** Under Section 6 of Act No. 43 of 1884, the University gives free tuition in the College of Arts and Sciences to one student from each senatorial and from each representative district or parish of the State of Louisiana. By resolution of the Board of Administrators these scholarships are for the present allowed also in the College of Technology. In the School of Architecture as re-established no free scholarships will be available. In accordance with the terms of this Act, the following rules have been adopted in regard to the candidates for these scholarships :

1. As provided in said act there shall be one such scholarship for each senator and each representative in the State, and it shall confer the privilege of free tuition.
2. Whenever a vacancy exists in the scholarship it may be filled by the then sitting member for that district ; provided, however, that the vacancy must be filled before the expiration of his term, otherwise his successor shall make the nomination.
3. The candidate must be a *bona fide* resident of the district or parish from which he is appointed ; that is, his parents, or guardian, shall be domiciled in said district or parish.
4. He must be a white male youth, not less than sixteen years of age, prepared for college work.

5. He may enter any regular class for which he is qualified. For entrance to the Freshman class reference is made to the requirements for admission given under Admission to the University.

6. His application for admission to the University must be in writing, stating the name and post-office address of his parents or guardian, and the date of his birth.

7. Accompanying his letter of application he must present his appointment. Blanks for appointment may be obtained from the Registrar of the University. In order to identify the signature to such appointment of the senator or representative making it, his signature must be acknowledged by him before some competent state official.

**City Scholarships.** In accordance with the provisions of Ordinances Nos. 6767 and 7540, A. S., of the City Council of New Orleans, the Mayor of New Orleans appoints annually five students from the public schools of the City to scholarships in the College of Arts and Sciences or the College of Technology.

**Honor Scholarships.** Two scholarships in the College of Arts and Sciences or in the College of Technology (except the Course in Architecture) are awarded annually to those graduates of the Warren Easton High School of the City of New Orleans, who have been most distinguished for scholarship, deportment, and punctuality. These scholarships are to be filled upon the recommendation of the Principal and Faculty of the High School.

The Administrators of the University desiring to encourage schools of proper grade in Louisiana and other Southern States, have authorized the President of the University to offer one scholarship annually to approved high schools in Louisiana available in the College of Arts and Sciences, or in the College of Technology (except the Course in Architecture), and to approved high schools in other Southern States available in the College of Arts and Sciences only, to be awarded to a meritorious student, member of the high school class last graduated. It is understood that these scholarships are to be a reward of merit, and are to be offered by the Principal and Faculty of the school or academy to the student having the highest average grade; and in case he should decline, it may, by the consent of the President of the University, then be offered to the student having the next highest grade, provided that grade does not fall below the rank of excellent.

**Alumni Scholarships.** The Alumni Association of the University has been authorized by the Administrators of the Tulane Educational Fund to offer four free scholarships to meritorious and needy students, residents of Louisiana, one to be appointed annually, in case of a

**vacancy, in the undergraduate Colleges of the University (except the Course in Architecture). Applications for these Alumni Scholarships should be made to the Executive Committee of the Alumni Association, Gibson Hall, New Orleans.**

**Board Scholarships.** The Administrators of the Tulane Educational Fund grant free tuition in the Colleges of Arts and Sciences and College of Technology (except the Course in Architecture) to a limited number of meritorious and needy students, residents of Louisiana. Application blanks for these scholarships may be obtained from Mr. L. A. Wogan, Secretary, 211 Camp Street, New Orleans, La.

**Louisiana Battle Abbey Scholarship.** This scholarship is endowed by the Louisiana Battle Abbey Association and will be awarded to a worthy descendant of a Louisiana Confederate veteran, who shall qualify for it through a competitive examination. It is available in the College of Arts and Sciences or the College of Technology (except the Course in Architecture). Applications for this scholarship should be addressed to Mr. L. A. Wogan, Secretary, 211 Camp St., New Orleans.

**Harvard Scholarship.** The Harvard Club of Louisiana offers a scholarship in Harvard University, to be awarded to a member of the graduating class of each year, with a degree in Arts and Sciences, who desires to take one year of work at Harvard University in the academic department. The appointment is made by the President and Faculty of Tulane University.

**Scholarships in Architecture.** The Louisiana Chapter of the American Institute of Architects offers a scholarship in the School of Architecture.

The Contractors and Dealers Exchange of New Orleans also offers a scholarship in the School of Architecture, under the auspices of the Louisiana Chapter of the American Institute of Architects.

The following Scholarships are offered in Newcomb College :

**I. The Cora A. Slocomb Scholarship,** endowed by Mrs. Ida A. Richardson, of New Orleans.

**II. The B. C. Wetmore Scholarship,** endowed by Mr. B. C. Wetmore, of New York.

**III. The Tulane Scholarship,** given by the Administrators of the Tulane Educational Fund.

**IV. The Ida Roehl Hershheim Scholarship,** endowed by Mr. Simon Hershheim, of New Orleans.

**V. The F. Walter Callender Scholarship,** endowed by Mr. F. Walter Callender, of New York.

These scholarships are offered to the graduates of the New Orleans public high schools. Only those will be considered eligible who are qualified for admission to one of the regular college courses, who have graduated from one of the high schools in the year preceding and who are recommended by its principal.

**VI. The Louisiana Battle Abbey Scholarship**, endowed by the Louisiana Battle Abbey Association. This scholarship is offered to a worthy descendant of a Louisiana Confederate veteran.

**VII. Three Baker Scholarships**, endowed by a bequest of Mrs. Elizabeth Stone Baker. These scholarships are open to general competition.

**VIII. The J. C. Morris Scholarship**, endowed by a bequest of J. C. Morris, former Administrator of Tulane University. This scholarship is open to general competition.

One or more of the above scholarships will be awarded each year, subject to the conditions stated, to the applicants who shall make the highest record in competitive examination. This examination will be held at the college at the beginning of its session, as announced in the catalogue. Examinations are held in English, Mathematics, and Language, the questions in each examination being based upon such preparation for entrance as that indicated under requirements for admission; in English, reading of texts mentioned will form the basis of the examination.

**IX. United Daughters of the Confederacy Scholarships.** A scholarship has been placed at the disposal of the General Order of the Daughters of the Confederacy in Louisiana and another at the disposal of the Stonewall Jackson Chapter of New Orleans. An applicant for either of these scholarships must be a worthy descendant of a Confederate veteran.

**X. Southern Association of College Women Scholarships.** Newcomb College has tendered to the S. A. C. W. twelve scholarships to be allotted by the Association to the various southern states. Any graduate of an accredited high school may compete for a scholarship and the award will be determined by the candidate's class standing during her last year in high school together with an examination in mathematics, English and one language. Upon application, examination questions will be mailed to principals of high schools about the first of May or of September. The examination papers of the candidates must be sent to Newcomb for grading.

No state may receive more than two of these scholarships a year, and no school shall receive the award oftener than once in four years, except

those schools in which College Clubs have been formed by the Southern Association of College Women.

**XI. The Meta D. Huger Scholarship**, endowed by the Meta D. Huger Alumnae Association. Open to general competition.

**XII. Alumni Scholarships.** The Alumni Association of the University has been authorized by the Administrators of the Tulane Educational Fund to offer four free scholarships to meritorious and needy students, residents of Louisiana, one to be appointed annually, in case of a vacancy, in the undergraduate Colleges of the University (excepting the courses in Architecture). Applications for these Alumni Scholarships should be made to the Executive Committee of the Alumni Association, Gibson Hall, New Orleans.

By a recent action of the Board of Administrators, a limited number of scholarships in the School of Art are offered to deserving students who propose to take a full course in Art and who have complied with the entrance requirements of the University.

The Board of Administrators also offer a limited number of free scholarships to graduates of accredited high schools in Louisiana and adjoining states. Particulars in regard to these will be furnished upon application.

Applications for all scholarships should be made as early as practicable, and not later than Sept. 15th.

---

### **FREE TUITION FOR TEACHERS OF ATTAINMENT**

Teachers of attainment on actual leave of absence may be granted free tuition, for one year, in the College of Arts and Sciences, Newcomb College, or the Graduate Department, upon furnishing satisfactory evidence of ability.

---

### **FORFEITURE OF SCHOLARSHIPS**

(IN THE COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY)

Students holding State or City Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and are required to maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships, this forfeiture to take place at the close of the academic session in June. When a State or City Scholarship has been once forfeited, the legislator or mayor is notified of such forfeiture and the reasons therefor, and a student may re-enter on such scholarship only when newly appointed by the proper officer in the proper legal manner.

Students holding Honor Scholarships or Board Scholarships are required to carry at least 14 hours of College work each term, unless excused by the Dean, and must maintain an average grade of at least seventy per cent in their studies or forfeit their scholarships at the end of any term in which the low average occurs. But any student whose scholarship has been thus forfeited may regain it at the end of the following term if the required standard has been maintained; and the scholarship so regained may be retained as long as the required standard continues to be maintained and not longer.

Holders of scholarships absenting themselves from classes without satisfactory excuse render themselves liable to forfeiture of their scholarships at any time that the faculty may see fit to impose the penalty.

#### (IN NEWCOMB COLLEGE)

A student holding competitive or other scholarships must show her proficiency by the middle of the Sophomore year; and a condition shall constitute a deficiency. A scholarship student who is thus found deficient will forfeit her scholarship at the close of the Sophomore year, or at any time thereafter, should she become deficient. The scholarship may also be forfeited at any time for marked deficiency or for other cause, at the discretion of the faculty.

Scholarships thus forfeited may be recovered by removal of such deficiencies, and additional evidence of merit, but shall not warrant the refunding of tuition or fees that may have been incurred.

---

### DEGREES

**Bachelor of Arts.** Students completing the Classical or Literary Course in the College of Arts and Sciences, or a regular college course in Newcomb College, will be graduated with the degree of Bachelor of Arts.

**Bachelor of Science.** Students completing the Scientific Course, or the combined Academic-Medical Course, in the College of Arts and Sciences will be graduated with the degree of Bachelor of Science.

**Bachelor of Arts in Education.** Students of Newcomb College or of the Courses for Teachers (Extension Courses), who have completed the required four years' course of study will be graduated with the degree of Bachelor of Arts in Education.

**Bachelor of Music.** Students completing the regular course of four years of the School of Music of Newcomb College will be graduated with the degree of Bachelor of Music.

**Bachelor of Design.** Students completing the regular course of four years in the School of Art of Newcomb College will be graduated with the degree of Bachelor of Design.

**Bachelor of Engineering.** Students completing any one of the regular engineering courses of the College of Technology will be graduated with the degree of Bachelor of Engineering. The diploma will indicate the course of study pursued by the student.

**Bachelor of Architecture.** Students completing the Course in Architecture, in the College of Technology, will be graduated with the degree of Bachelor of Architecture.

**Bachelor of Business Administration.** Students of the College of Commerce and Business Administration who have completed the required four years' course of study in the College of Commerce and Business Administration will be graduated with the degree of Bachelor of Business Administration.

**Master of Arts or Master of Science.** Students who have received a baccalaureate degree from one of the colleges of this University or from some other institution of equal grade, and who complete a course study satisfactory to the Dean of the Graduate Department and to the Committee on Graduate Studies, may receive the degree of Master of Arts or Master of Science.

**Master of Architecture.** Students who have received the degree of Bachelor of Architecture from this institution, or from an institution of like standing, and who complete a course of study satisfactory to the Dean of the Graduate Department and to the Committee on Graduate Studies, may receive the degree of Master of Architecture.

**Advanced Engineering Degrees.** Graduates of the College of Technology, or of other engineering schools of equal grade, who pursue a course of study in the Graduate Department for at least one year; or who have done two years of professional work *in absentia*, satisfactory to the Dean of the Graduate Department and to the Committee on Graduate Studies, may receive the degree of Mechanical Engineer, Electrical Engineer, Chemical Engineer, or Civil Engineer.

**Doctor of Philosophy.** The degree of Doctor of Philosophy requires for its attainment the successful completion of a course of graduate study estimated to extend over not less than three years, in which the candidate must give evidence of ability for original research and power of independent thinking.

**Bachelor of Laws.** Students of the College of Law who have pursued a course of study satisfactory to the Law Faculty, and who have



passed the requisite examinations, and who have attained the age of twenty-one years, are graduated with the degree of Bachelor of Laws.

**Doctor of Medicine.** The degree of Doctor of Medicine requires for its attainment attendance on a full four years' course, unless credit be allowed for work done at a recognized institution of higher learning.

**Pharmacy Degrees.** Two graded courses of thirty-two weeks each will be required to complete the course of study leading to the degree of Graduate in Pharmacy (Ph. G.), and three courses will be required for the degree of Pharmaceutical Chemist (Ph. C.). An additional course of thirty-two weeks leads the holder of a Ph. C. degree to the degree of Doctor of Pharmacy (Pharm. D.).

**Doctor of Dental Surgery.** The degree of Doctor of Dental Surgery is awarded on the successful completion of the four years' course of study in the School of Dentistry.

---

### DIPLOMAS

**In Education.** Students completing the Sophomore year of the B. A. in Education Course in Newcomb College will be given a diploma with the course of study indicated.

**In Art.** Diplomas are offered teachers of art upon completion of a course covering two years, in the School of Art in Newcomb College and special certificates for proficiency in other courses.

**In Household Economy.** The School of Household Economy in Newcomb College offers diplomas under conditions similar to those offered in the School of Art.

**In Music.** The School of Music in Newcomb College offers diplomas under conditions similar to those in the School of Art.

---

### MEDALS AND PRIZES

**The Glendy Burke Medals**—founded in 1848 by Glendy Burke—consist of three gold medals which are awarded, one for Oratory, one for superior attainments in Mathematics, and one for an English Essay.

**The Judah Touro Medals**—founded in 1848 by Judah Touro—consist of three gold medals, which are awarded for excellence in Latin, in Greek, in Hebrew, and in Ancient History.

**The Louis Bush Medal**—founded in 1882 by Louis Bush—consists of a gold medal and is awarded for the best essay in the French Language.

Competition for the above medals, except for the medal for English Essay is restricted to members of the Junior and Senior classes of the Colleges of Arts and Sciences and of Technology.

Competition for the medal for English Essay is at present open to members of all classes of the Colleges of Arts and Sciences and of Technology.

**The Carnot Medal.**—A medal is offered annually by Baron Pierre de Coubertin to the successful contestant in a debate upon some question related to French politics, and is open to competition to all students of the University.

**General Rules Governing Awards of Medals.**—No medal is awarded except when marked excellence is exhibited in the subject of the competition.

No medal shall be awarded to any student who is under condition at the time of the award of such medal.

In all cases where the awarding of medals is not distinctly specified by the terms of the donation, the students must compete on the basis of work above and beyond the prescribed course; such work will be assigned by the faculty at the end of each session for the succeeding session. The essay must be typewritten on unruled paper of good quality,  $8\frac{1}{2} \times 11$  inches in size, with a margin of one inch on the four sides of the page, and handed to the Registrar of the University not later than May 1st, with a full list of the authorities consulted and a pledge that the work is original, and must bear a fictitious signature, accompanied by the name of the writer in a sealed envelope.

(IN NEWCOMB COLLEGE)

**The Virginia Gleaves Lazarus Medal:** for the best essay written by a Senior or Junior, the subject being selected by the faculty. Given by Mrs. H. L. Lazarus, in memory of her daughter.

**The Mary L. S. Neill Medal:** for excellence in water-color painting by a student in the School of Art, the award being made by the faculty of that department. Founded by the Mary L. S. Neil Book Club, in memory of Mrs. Neill.

**The Class of 1903 Shakespeare Prize:** for the best Shakespearean essay written by a Junior. Endowed by the Rev. Beverley E. Warner.

**The Fannie Estelle Holley Memorial Prize:** for the highest excellence in water-color attained throughout the session by a Junior in the water-color class of the Diploma Course in Art. Given by the Rev. Byron Holley in memory of his daughter.

**The Mary B. Scott Memorial Prize:** for the best historical essay involving original research, written by a Senior. Endowed by Miss Mary M. Scott, in memory of her mother.

**The Class of 1909 Prize:** (a) Members of any department of the Senior Class who have attended Newcomb at least three years shall be eligible. (b) The prize shall be awarded to that Senior who during the last three years of her collegiate course has best combined scholarship with effective and unselfish service in student activities. The standard of scholarship shall be not less than an average of 80%.

**The Jennie C. Nixon Prize:** for the best debate delivered at the public exercises of the Debating Society. Endowed by the Newcomb Alumnae in honor of the first professor of English in Newcomb College.

---

### LIBRARIES

The Tulane Library in the Tilton Memorial Building contains scientific and literary publications and is a depository of public documents; constant accessions are made to it through purchase and donations. It already contains more than 41,000 volumes, including the collection of public documents, about 7,600 volumes.

The Newcomb Library contains more than 15,000 volumes, and subscribes to standard periodicals bearing on the work of the different departments. This library contains a choice selection of books and periodicals on Art and Music.

The Medical Library is conveniently arranged for reference, in the Hutchinson Memorial, with more than 10,000 valuable books and more than 3,500 pamphlets, as well as an excellent file of the current medical journals. Additions are being constantly made to this valuable adjunct of medical education. Additional special library facilities are arranged in each of the laboratory divisions.

The Law Library consists of more than 7,600 volumes. It includes the reports of the United States Supreme Court, of the Circuit and District Courts, and Circuit Courts of Appeal, of the United States; the reports of the courts of last resorts of all the States of the Union for the past twenty-five years, also many complete sets of state and English reports, encyclopedias, digests etc.

The Library of the School of Dentistry contains a satisfactory collection of books and pamphlets dealing with the study and practice of dentistry. Additions to the library are being constantly made.

The Library of the Orleans Parish Medical Society, containing more than 8,000 volumes, is placed at the disposal of the students of the Graduate School of Medicine.

The Library of the Louisiana Bar Association contains substantially a complete set of American and English reports, the books of refer-

ence, encyclopedias, digests, etc., as well as a collection of French texts and cases.

The State Library containing about 40,000 volumes, is domiciled in the court building on Royal Street. It is of great value, especially to students of law and of history and political science.

The Howard Memorial Library contains more than 65,000 carefully selected books, including a complete set of documents bearing on the early colonial history of Louisiana. It is pre-eminently a reference library.

The New Orleans Public Library is a circulating and reference library of value, containing more than 165,000 volumes.

### LABORATORIES

**Art and Architecture.**—The new Stanley Thomas Building contains studios for drawing and painting designed from an extended study of local climatic conditions, and are arranged to exclude all except the strictly north light from above, and at the same time to admit air freely. There are separate studios for freehand drawing, color study, clay modeling, and a wide top-lighted hall for exhibitions; also a large studio for architectural design.

The Linton-Surget and loan collections of paintings, marbles, bronzes and art objects are extensive and valuable, and are placed to advantage in the Tilton Memorial Library.

The Newcomb Art School galleries and the Delgado Art Museum in the City Park offer varied opportunities for art study.

**Biology.**—The work of the Department of Biology is carried on for the present in the Physics Building, where several rooms, including a large general laboratory, 50 by 32 feet, and a lecture-room, are devoted to its needs. All necessary apparatus for the work of the department, such as microscopes and accessories, is provided. The organisms which occur in this region make it a rich field for investigators; the equipment of the laboratory is well adapted to the study of their microscopical anatomy, embryology, and morphology.

**Botany.**—The Botanical Laboratory, with which at present is associated the Laboratory of Pharmacognosy, is situated on the fourth floor of the Richardson Memorial Building. It is supplied with all apparatus necessary for every line of work both in Botany and Pharmacognosy.

**Chemistry.**—All the work in chemistry pursued by the undergraduate students in Medicine, Pharmacy, and Dentistry is now carried on in the Richardson Chemistry Building. There are ample accom-

modations for a large number of students in every kind of laboratory work, and the building is fitted up with all necessary work-tables, hoods, sinks, and other conveniences.

There are large laboratories for general chemistry and qualitative analysis, physiological, pharmaceutical, organic, and industrial chemistry; smaller ones for quantitative analysis, physical chemistry, electro-chemistry, assaying, spectroscopy, photography, gas, water and fertilizer, and food analysis. Other rooms are devoted to research, store, preparation, offices, etc. The main auditorium seats three hundred students.

**Physics.**—The work in physics is carried on in the Physics Building, a spacious structure, two stories high, 125 feet long by 53 feet deep. This building, planned with great care and attention to detail, affords good facilities for physical demonstration and research. Most of the instrumental equipment of the laboratory is excellent, many of the instruments being of the most approved forms and from the best makers of this country and Europe. A well equipped work shop is in the laboratory, and a mechanic is almost constantly employed in the manufacture, repair, and modification of apparatus. Some of the most useful instruments in the laboratory have been made in this shop.

*For special laboratories and laboratory details, see bulletins of the several colleges and schools.*

## MUSEUMS

**The University Museum** occupies nearly the entire third floor of Gibson Hall. The collections have been so arranged that the various branches may be studied with facility by the students of the University and the public in general. An index containing a brief reference and data of each numbered specimen of the various departments of Natural History has been prepared, and by its use any desired specimen may be located without loss of time. A copy of this index is kept in each of the administrative offices as well as the museum.

**Anthropology.**—This department is continually increasing in valuable material, especially of American aborigines. The former curator investigated numerous earth and shell mounds in various parts of Louisiana; and the results of his researches, consisting of pottery, stone implements, and skeletons of the mound builders, have been added to the collection. The investigations in Louisiana archæology will be continued in the future.

**Zoology.**—The animal kingdom is well represented and still existing gaps are filled as rapidly as time and opportunity permit. Sev-

eral divisions, especially osteology and herpetology, have been greatly increased by donations and preparations made by the curator and by the students.

The Museum is indebted to Colonel George Soulé for valuable additions of osteological and wax-model preparations.

Groups of birds in their natural surroundings make the life history of a species apparent at a glance.

**Botany.**—The herbarium has been removed from the museum to the Botanical department in the Richardson Memorial Building. While the number of plants is not large, the Flora of Louisiana is fairly completely represented by about a thousand plants of the old "Hale, Riddell, Carpenter collection," put up between 1840 and 1850, and by the collection of the present Professor of Botany, amounting to about thirty-five hundred species put up during the last ten years. Plant material of all kinds, especially from the Gulf States, is greatly desired.

**The Gustave Kohn Collection of the Natural History of Louisiana,** donated to the University by the eminent scientist whose name it bears, contains about 15000 specimens of the fauna and flora of Louisiana, including most of the known species of plants and animals found within the borders of the state. It represents nearly fifty years industrious collecting on the part of the donor and forms an invaluable addition to the museum.

**Palæontology and Geology.**—Some 3000 fossils and casts of fossils are arranged to show the close connection of Palæontology with the sciences of Zoology and Botany on one side and Geology on the other. A series of Professor Unger's charts, illustrating the geologic periods of the earth, are placed to correspond with the contents of the nearest museum cases. Additions to the department have been made by exchange with the Rev. Henry H. Thomas, of New Jersey, one of the foremost workers in Geology.

**Mineralogy.**—The mineralogical collections now contained in a separate hall have been rearranged. They number fully 3000 specimens of classified rocks, ores, and other minerals from various States and Territories of the Union.

**The Medical Department Museum** contains an extensive collection of wax and other figures and models, illustrating details of anatomy, normal and pathological, and a large collection of alcoholic preparations.

### ART MUSEUMS.

**Linton-Surget Hall.**—The Art Museum in the Tilton Memorial Library embraces the Linton-Surget collection of works of art donated to the City of New Orleans by the late Mrs. Eustace Surget, of Bordeaux, France, and by an ordinance of the City Council placed under the charge of the Administrators of the University; valuable historical portraits and marble statuary donated by Mrs. C. B. Surget, of Bordeaux, France; statues and other objects of art donated by Mrs. F. W. Tilton; the loan collection of Mrs. J. L. Harris and Mrs. Samuel H. Kennedy, of New Orleans; and various bronzes, marbles, paintings, engravings, and other works of art, donated or loaned to the University.

The books, about 2000 volumes, forming a part of the Linton-Surget donation, are preserved in the library.

**Newcomb Art Museum.**—In the Art Building at the Newcomb College a suite of rooms is set apart for the permanent exhibition of paintings and statuary that have been donated to or acquired by the college. Here are held public exhibitions of drawings and paintings by the instructors and students, or loaned for exhibition by artists of New Orleans and other cities.

---

### DORMITORIES FOR MEN

The Dining Hall is located near the dormitories. Board is supplied to the dormitory students, or to other members of the University having rooms elsewhere, and lunch is served to all connected with the colleges.

The Academic dormitory building consists of three Halls, each having three floors, and each separated from its adjoining Hall by a brick wall without openings. They have been named, *La Salle*, *Bienville*, and *Gayarré Halls*. Each Hall will accommodate sixteen students.

The Richardson Memorial Dormitory, for Medical students, consists of two Halls, each having three floors, and separated by a wall without openings. North Hall will accommodate twenty-nine students and South Hall will accommodate twenty-three students.

The dormitories are well constructed and well furnished, having water service throughout and bath rooms, with porcelain tubs or shower baths, on each floor, they are heated by steam, electrically lighted, and provided with fire escapes. There is an abundance of light and air in each room.

The following prices for the session will be charged for rooms and board, payable in advance in two installments, viz: October 1st, and February 1st. This charge includes breakfast and dinner.

The corresponding rooms and suites in each Hall are rented at the same rate.

#### IN THE ACADEMIC DORMITORY

**For Suites of Study and two Bedrooms, first and second floors**  
for two students .....(each).....\$220

**For Double Rooms, third floor**  
for two students.....(each)..... 200

**For Single Rooms, third floor**  
for one student..... 200

#### IN THE RICHARDSON MEMORIAL DORMITORY (FOR MEDICAL STUDENTS)

**All Single Rooms**  
for one student.....\$200

The above rates are for the session, and payable in two installments, viz: the \$220 rooms, \$120 and \$100, and the \$200 rooms \$110 and \$90. No reduction will be made for the Christmas or other holidays, or for absence less than a month.

Rooms will be allotted in the order of application, when the general interests of the student body and of the University is not jeopardized by such allotment. *It will be understood that a room is to be retained for the whole of the session*, unless the student should withdraw from the University, or from the dormitory with the written permission of the Chairman of the Dormitory Committee, in which case the rate for the First Term will be charged for the time the room is occupied.

Lunch can be obtained at an additional price dependent upon the character of lunch desired. It has been thought best to make this arrangement, which enables a student to reduce his necessary living expenses to the smallest amount possible, and at the same time to make the most practical conditions for the serving of lunch, at which time all, boarders or city residents, are placed on the same footing.

Each bedroom is supplied with stationary washstand, oak chiffonier-wardrobe, enameled iron single bed (with spring), one 16 c. p. electric light, and steam heat. Where the bedroom is used as a study also, an oak study table is included in its equipment. In the suites an oak study-table, steam heat, and one 16 c. p. electric light is in each study.

It has been thought best to leave the provision of chairs and extra furniture to the occupants, who will thus be enabled to consult their own tastes and means in the further fitting out of their rooms.

Students must provide themselves with mattress, pillows, sheets, blankets, mosquito bar, and other bedding, and with towels. These



can be brought from home or obtained in the city. The size of bed is 36 inches wide by 6 feet 4 inches long.

The University will provide for the cleaning of the bedrooms, studies, hallways, etc.

Application blanks for rooms may be obtained from the Registrar of the University, and should be filed with him not later than September 1st, and must be accompanied by a deposit of five dollars to secure the desired space.

The deposit of five dollars will be held as breakage fee. Damage to the furniture, fittings, or to the building, will be deducted from this fee, and the balance, if any, refunded at the close of the session. Damage in the excess of the deposit is covered by the agreement in the application for room.

Applications for Dormitory rooms should be made early as the number of rooms is limited.

For application blank and circular concerning the Dormitories, address the Registrar, Gibson Hall, Tulane University, New Orleans, Louisiana.

### RESIDENCE FOR WOMEN

The residence is provided with every convenience for boarding students. It is situated in immediate vicinity to the college buildings and every precaution has been taken for the care and comfort of its inmates.

Rooms are assigned to students in order of their application, and an early registration will be necessary to secure a place. No one will be considered an applicant unless the request is accompanied by a deposit of five dollars, which will be forfeited if the applicant withdraws, but will otherwise be credited on the first payment.

No place will be reserved for a student of the previous year, unless the deposit of \$5 be made before August 1st.

If the student does not present herself within the first week of the session, her place will not be retained for her.

The care of the students is intrusted to competent matrons and resident teachers, who will maintain correspondence with parents or guardians whenever necessary or desired.

Board for the college year, \$300.

This charge contemplates placing two students in each room. In case a student takes a single room she will be charged \$350 for the school year. This charge does not include tuition. Washing extra, at reasonable rates.

A student remaining for the Christmas holidays will be charged for board at the rate of \$1.50 a day.

A charge of \$5 per term shall be made to each student as an infirmary fee.

*The Infirmary Fee entitles a resident student to the services of the resident physician and of the college nurse and ensures special attention and treatment in the Infirmary for all minor complaints, such as are frequent among students. In case the services of a specialist are required, or if a student must be taken to a hospital, the charge for this will be made against the student. Also, all cases of contagious disease must, by rule of the Board of Health, receive the attention of a special nurse. This also will be made a special charge against the student, but will be made as light as possible.*

Any student who is ill shall be removed to the infirmary whenever in the judgment of the lady in charge and of the resident nurse this shall be necessary.

In case a parent requests the services of a physician other than the one regularly employed by the college, the bill for such services shall be charged against the student.

Each student on entering shall deposit an incidental fee of \$10 to cover breakage or incidental expenses. The unexpended balance will be refunded at the end of the session.

A boarding student is not received for a shorter period than a full term.

Each student will furnish her own napkins, towels, and bedding.

A resident student is subject only to such rules as are found necessary to her proper care and security and requisite for the successful prosecution of her studies. No exceptions, therefore, can be made in the case of special students desiring special privileges. The wishes and instructions of parents, in each case, are recorded and followed, so far as is consistent with the general regulations.

Application for rooms should be made on blanks prepared for that purpose, not later than September 1st; earlier, if possible.

For further particulars and application blank, address the REGISTRAR, H. Sophie Newcomb Memorial College, New Orleans, La.

### THE UNIVERSITY BULLETINS

The Bulletins of the University are published monthly, and are made up of such matter concerning the institution as may be thought desirable to publish from time to time. The Annual Register for the preceding session, is published in August of each year, and the Regis-

trary of the University will be pleased to place on his permanent mailing list the name of any person who may desire to receive a copy.

**A University Press** has been established and thoroughly equipped with the best modern printing machinery. Its object is to print the University publications, lecture notes, and all the blanks, forms, and other stationery used in the various departments of the University.

## STUDENT ORGANIZATIONS

### PUBLICATIONS

**The Tulane Weekly**, is published by the students. It discusses questions of current interest to the students and gives details of college news. The board of editors embraces representatives from all the departments.

**The Newcomb Arcade** is a literary magazine, published quarterly by the students and Alumnae of Newcomb College.

**The Jambalaya** is the illustrated annual, published near the end of the annual session by the students of all departments, and forms a record of the year in matters of interest in the social, athletic, and fraternity life of the institution. It is a handsomely bound volume of two hundred or more pages.

### LITERARY SOCIETIES AND CLUBS

There are four literary societies at the University, the Glendy Burke, the Forum, the Literary and Debating Club (Newcomb), and the Law Debating Club. Students are encouraged to join these societies, as an excellent means of gaining skill in public speaking, especially in debate. Weekly meetings of each society are held throughout the session.

The Tulane Oratorical and Debating Council has charge of the debates and other public speaking of the University. Its membership includes both undergraduates and alumni.

The Tulane Forensic Club was organized in 1908 for the encouragement of undergraduate forensic activities. It includes all students and alumni who have represented Tulane in some intercollegiate debate or oratorical contest, past presidents of literary societies, and members of the faculty interested in debates. The Club has an annual banquet at which are present, as its guests, the members of the 'Varsity debating teams of the current year.

The French and Spanish Circles, and the Latin and French Clubs, aim to encourage interest in foreign languages.

The Newcomb Dramatic Club was organized for the purpose of encouraging interest in dramatics and elocution.

The Newcomb Glee Club fosters an interest in music, develops musical talent, and furnishes music for college entertainments. The club gives an annual concert.

### ATHLETICS

Believing that athletics, when properly conducted, are of great benefit to the students engaged in them and of proper interest to all right-thinking persons, the University encourages this side of college life. Foot-ball, base-ball, and track teams have every opportunity for practice on the athletic grounds of the University, and, under proper restrictions, the teams are allowed to participate in intercollegiate games, both on our own field and elsewhere. The athletic interests of the University are under the charge of the Tulane Athletic Council.

The Newcomb Athletic Association regulates and encourages all athletic interests in Newcomb College, and supervises all tournaments and match games.

---

### DISCIPLINE

The University is, in tone, Christian, but not sectarian. The discipline of the institution is mild but firm. The students are presumed to be cultured, and a high standard of honor and truthfulness is inculcated and maintained. Should a student prove deficient in either, or so delinquent in industry or punctuality as to offer a bad example to his comrades, his parents will be respectfully requested to withdraw him. Any gross breach of discipline is visited with suspension, dismissal, or expulsion.

The regular matriculated students of the Colleges of Arts and Sciences and of Technology constitute the official student body and elect a Student Council, to which for the past thirty-three years has been entrusted the honor system and the general discipline of the student body. This system has worked satisfactorily.

The Newcomb Student Body is practically self-governing. The president and vice-president are always Seniors, but the other offices are open to any class. The executive power is in the hands of a committee composed of the Student Body officers together with the presidents of all the classes and organizations. A Student Council has been formed, composed of the four Academic class presidents together with representatives from the Schools of Art, Music, and Household Economy, one of these representatives being always the president of the Art Student Body. The aim of this Council is to aid and encourage those students who for any reason are doing unsatisfactory work; and to raise the moral tone of the college. All matters involving honor are left in its hands, and its decisions are reported to the faculty.

The Student Body holds regular semi-monthly meetings, when matters of college interest are discussed and voted on.

In the College Residence, a specially organized council of students, operating under the advice and direction of a committee of the faculty, will have control of ordinary affairs of student life.

---

### **YOUNG MEN'S CHRISTIAN ASSOCIATION**

An active and efficient Young Men's Christian Association has been in operation for seven years. A temporary building has been erected in which a clubroom is maintained, with reading tables, periodicals, etc., for the convenience of the students.

---

### **YOUNG WOMEN'S CHRISTIAN ASSOCIATION**

The religious life of Newcomb College is mainly carried on through the Young Women's Christian Association. The meetings of the Association are held in the Association room. The topics are general and arranged by a program committee whose duty it also is to secure various prominent speakers. In connection with this general work in the college there is a regular meeting every Sunday evening at 6:30 in the Residence Building. At these meetings various students lead and outside speakers are also secured. After these meetings there is a Bible Class the first half of the year, a Mission Class the second half. The Association, though practically controlled by its members, has an Advisory Board composed of faculty members and others who are interested in Christian work in Newcomb College. A most cordial invitation to become a member of the Young Women's Christian Association is extended to all who come to college.

Besides this quite voluntary religious association, the college holds religious exercises of a non-sectarian character every morning, and all students are urged to attend these. Two special memorial services, commemorating the death and the birth of Harriot Sophie Newcomb, are held on the 16th of December and on the Sunday following Easter.

---

### **STUDENTS' AID AND SELF-HELP**

**Students' Aid Fund.** Worthy students of the Sophomore class or higher classes may borrow a small sum of money from the Students' Aid Fund, founded by Dr. A. L. Metz, to tide them over financial emergencies. Requests for loans from this Fund must be approved by the Deans of the School of Medicine, the College of Technology and the College of Arts and Sciences.

**The Baker Scholarships**, two in number, endowed by the late Mrs. Elizabeth Stone Baker for the education of two poor and worthy young men, are open to graduate and undergraduate students. They yield, each, about \$89.90.

**The Weis Loan Scholarships**. In memory of the late Julius Weis, his family has established ten loan scholarships of one hundred and twenty-five dollars (\$125.00) each. These scholarships will be awarded, as the funds are available, upon the recommendation of the faculties of the Colleges of Arts and Sciences and of Technology to students in Junior classes who, for lack of necessary funds, may find it impossible to finish the work of the Senior year. Students who wish to avail themselves of this fund should make application to the Faculties not later than May 1st.

If a sufficient number of worthy applicants do not apply from the College of Arts and Sciences and from the College of Technology, it shall be possible for the Faculties of these Colleges to award one or more scholarships to applicants in the Junior Classes of the College of Law and the School of Medicine.

**The Joseph E. Ransdell Student Loan Fund**. Established by Mr. Samuel Zemurray, of New Orleans, and named in honor of the Senator from Louisiana, is available to students who have successfully completed at least one year of college work in Tulane University, and who are without sufficient resources to complete the work of the current year. The application of a student for a loan from this Fund must bear the recommendation of his Dean that he is a regular student in good standing, and is deserving of the aid, and must be approved by the President of the University.

**Self-Help**. Opportunities for self-help are offered deserving and earnest students of slender means. While efforts will be made to secure work for those willing and able to help themselves, it will be understood that there can be no guarantee of employment and prospective students should be provided with sufficient means to meet their wants for a few months at least.

During past sessions increasingly large numbers of students have been given work. These opportunities will continue to be offered, and other means of support will be devised. A committee on self-help has been appointed, and an appeal is made to friends of the University and of education to give employment to students whenever possible. Applications for employment should be made to the Committee on Self-Help, Gibson Hall, Tulane University.

The Newcomb Alumnae Association maintains a fund for the purpose of lending moderate sums of money to Newcomb students standing in

need of such aid. Full particulars may be obtained from the Loan Fund Committee, Mrs. A. W. McLellan, Chairman, 22 Audubon Place.

The Newcomb Alumnae Book Committee will lend or rent college text-books to Newcomb students, the only condition being that books must be returned in good condition.

**Bennett Fund.** Mrs. William Jennings Bryan, acting as trustee of the fund left her by the late Philo Sherman Bennett, of New Haven, Conn., contributed \$500 for a loan fund to aid poor and deserving girls in securing an education. Applications for loans from this fund are to be made to the President of the University.

### ALUMNI ASSOCIATION OF THE UNIVERSITY

The Alumni Association of the Tulane University of Louisiana was organized and incorporated, January 20th, 1898. As now constituted it embraces all departments of the University. It is an efficient organization, and has more than seven hundred names upon its roll of membership, including many who are prominent in their professions and the higher walks of citizenship. The Association aims to promote the interests of the University in all of its departments and to advance the claims of higher education as far as its influence can be extended.

The Officers and Members of the Executive Committee, for 1918-19, are as follows :

Henry W. Robinson.....	President
Delvaille H. Theard.....	Vice-President
Watts K. Leverich.....	Secretary
Chas. F. Fletchinger.....	Treasurer

#### GRADUATE DEPARTMENT

St. Denis J. Villere	Nicholas Bauer
----------------------	----------------

#### COLLEGE OF ARTS AND SCIENCES

Arthur A. Moreno	Joseph E. Blum, Jr.
------------------	---------------------

#### COLLEGE OF TECHNOLOGY

Robert G. Robinson	Thomas L. Willis
--------------------	------------------

#### H. SOPHIE NEWCOMB MEMORIAL COLLEGE

Mrs. Henry W. Robinson	Miss Florence Dymond
------------------------	----------------------

#### COLLEGE OF LAW

Burt W. Henry	Richard B. Montgomery
---------------	-----------------------

#### SCHOOL OF MEDICINE

Dr. Lucian H. Landry	Dr. Hiram W. Kostmayer
----------------------	------------------------

#### SCHOOL OF DENTISTRY

Dr. A. Louis Ducasse	Dr. Leo C. Dempsey
----------------------	--------------------

In addition to the Alumni Association of the University, there is the following association of the graduates of Newcomb college:

**NEWCOMB ALUMNAE ASSOCIATION**

Organized March 31st, 1893.

President, Miss Fannie F. Fulham, '95; 1st Vice-President, Miss Lydia E. Frotscher, '04; 2nd Vice-President, Mrs. Mary J. Woodward, '95; Corresponding Secretary, Miss Ethel W. Perkins, '93; Recording Secretary, Miss Myra C. Rogers, '96; Treasurer, Miss Eleanor E. Reames, '05.



## COLLEGE OF ARTS AND SCIENCES

### FACULTY—1918-1919

ALBERT BLEDSOE DINWIDDIE, M. A., Ph. D., LL. D., President of the University.

ROBERT SHARP, A. M., Ph. D., President, *Emeritus*.

EDWARD AMBROSE BECHTEL, Ph. D., Dean, and Professor of Classical Languages.

JOHN WILLIAMSON CALDWELL, A. M., M. D., Professor of Chemistry and Geology, *Emeritus*.

WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D., Professor of Philosophy, *Emeritus*.

WILLIAM WOODWARD, Professor of Drawing.

ALBERT BLEDSOE DINWIDDIE, M. A., Ph. D., LL. D., Professor of Mathematics.

MORTON ARNOLD ALDRICH, Ph. D., Professor of Economics and Sociology.

REGINALD SOMERS COCKS, A. M., Richardson Professor of Botany.

MAX HELLER, M. L., Professor of Hebrew.

\*\*JOHN CHRISTIAN RANSMEIER, A. M., Ph. D., Professor of German.

MELVIN JOHNSON WHITE, Ph. D., Professor of History.

J. HARRY CLO, Ph. D., Professor of Physics.

ALPHONSE MARIN LAMESLÉE, B. ès L., A. M., Professor of French.

MATTHEW THOMPSON McCLURE, JR., M. A., Ph. D., Professor of Philosophy.

WILLIAM DINWIDDIE, M. A., LL. D., Professor of Mathematics.

\*JOHN MACLAREN MCBRYDE, JR., Ph. D., Professor of English.

WILLIAM PRENTISS BROWN, A. B., M. A., Associate Professor of English.

†JAMES EDWARD ROUTH, Ph. D., Associate Professor of English.

\*\*Owing to the Acts of the General Assembly of Louisiana of 1918, the instruction in German has been suspended.

\*Elected for Session of 1919-1920.

†Resigned.

ROBERT LEONVAL MENUET, B. E., Associate Professor of Mathematics.

HAL WALTERS MOSELEY, M. Sc., M. A., Associate Professor of Chemistry.

JOHN SMITH KENDALL, A. M., Associate Professor of Spanish.

HAROLD TUPPER MEAD., B. S., M. S., Associate Professor of Biology.

ERNEST HENRY RIEDEL, A. M., Ph. D., Assistant Professor of Classical Languages.

GARVIN DENNIS SHALLENBERGER, A. B., B. S., Instructor in Physics.

WILLIAM PIERREPONT NELSON, JR., Instructor in Chemistry.

BERNARD WILLIAM NEVILLE BAGOT, A. B., Instructor in Mathematics.

MENARD DOSWELL, JR., A. B., Acting Instructor in English.

WILLIAM ALVIN LOVE, M. D., Medical Officer of University.

CARL ANDREWS HANSON, Physical Director.

JAMES PERYS DYAR, Student Assistant in Chemical Laboratory.

JOHN RUFUS EVANS, Ph. G., Student Assistant in Chemistry.

DAVID REA GRAHAM, JR., Student Assistant in Chemical Laboratory.

HENRY EDWARD HUBERT, Student Assistant in Biology.

REX ELIAS LOTHROP, Student Assistant in Chemistry.

LESTER DANIEL SCHARFF, Student Assistant in English.

### COMMITTEES

#### FOR COLLEGES OF ARTS AND SCIENCES AND TECHNOLOGY

**Committee on Admission and Advanced Standing:** Professors Bechtel, Anderson, Menuet.

**Committee on Affiliated Schools:** Professors Bechtel, Brown, Cocks.

**Committee on Curriculum:** President Dinwiddie, Professors Anderson, Bechtel, Creighton, White, Clo, Robert.

**Committee on Courses for Teachers:** Professors Lyon, Dinwiddie, Bechtel, White, Dixon, Tew, Fletcher.

**Committee on Heat, Light and Power Plant:** Professors Anderson, Gregory, Clo.

**Committee on Petitions (*for Arts and Sciences*):** Professors White, Riedel, Kendall.

**Committee on Petitions (*for Technology*):** Professors Derickson, Robert, Clo.

**Committee on Students' Affairs:** Professors Bechtel, Creighton, Anderson, Moseley, White.

### **REGISTRATION**

Registration days for the first term are, for new students, Monday, September 29; for old students, Tuesday, September 30. For the second term there will be two registration days, Friday, January 30, and Saturday, January 31.

A delayed registration fee of two dollars will be charged students entering during the week after the appointed Registration Days in September and January. Students entering later will be charged a delayed registration fee of four dollars.

Each student upon registration will obtain an admit eard from the Dean, which must be presented to the instructor in charge of each class in which the student is to be enrolled and must be signed by the instructor. When the card has been signed by all of his instructors, the student returns the card to the Registrar's office.

---

### **REQUIREMENTS FOR ADMISSION.**

(See page 45.)

---

### **METHODS OF ADMISSION**

Applicants for admission should report to the Dean at least one day before the time set for the entrance examinations, or for registration, in order that they may be properly instructed.

#### **I. AS REGULAR STUDENTS**

1. **By Examination.** Students desiring to enter the Freshman Class by examination, will be required to pass examinations in the necessary number of units as outlined under Requirements for Admission.

2. **By Certificate.** Graduates of certain approved schools are received on certificate. Such certificate must state in detail the studies pursued by the student, the time devoted to each study and the work actually done, with a general recommendation for conduct and studious habits. This certificate will be accepted only in so far as it conforms with the entrance requirements. Students entering from accepted schools must obtain from the Registrar of the University the printed form of certificate required.

#### **II. AS SPECIAL STUDENTS**

Applicants unable to satisfy the entrance conditions may be admitted as special students provided they are at least twenty-one years of age, and give evidence of ability to do creditable work

in specified courses; and are recommended to the faculty by the professor in charge of the department of study in which they desire to take a large part of their work. Special students may, at the discretion of the Dean, be required to stand the entrance examination in English. Should they prove, after admission, to be unable to profit by the work undertaken or to be neglectful of their work, they will be required to drop back into a lower class or to withdraw.

Special students are subject to the same regulations in regard to number of hours, class-room work, and examinations as students in the regular courses.

A special student must successfully complete at least one-half of the work undertaken each term. Otherwise he shall be dropped for deficiency and may enter again only by passing the entrance examinations or by certificate from an approved school. Special students, entering without examination or certificate, will be required to satisfy all entrance requirements before they may become regular.

---

### ADVANCED ADMISSION CREDITS

Students bringing certificates from the proper officers of other colleges of satisfactory grade may be credited, tentatively, at the discretion of the Committee on Advanced Standing, with the work actually done elsewhere. Such credits shall become final only after the student shall have completed satisfactorily an approved number of courses in this college. Such students must obtain from the Registrar of the University the printed form of certificate required.

---

### ATTENDANCE

Attendance must be regular and prompt.

Absences are to be excused only by the instructor in charge. Frequent absences without excuse will render the student liable to suspension or dismissal.

Students who are to be absent from the University in athletic, for-  
ensic, or other contests must obtain from the Dean leave of absence in advance.

---

### EXAMINATIONS AND GRADES

At the end of each term an examination is held in each study pursued by the student. Seventy per cent is required on each examination for passing, and the examination mark, with the marks for the daily work, determine a student's grade for the term. To pass in a subject, the general average of these marks must be at least seventy

per cent. These grades fix the status of the student for the term in his several studies and are sent to parents.

In addition to these term reports, monthly reports of Freshmen and Sophomores, and half-term reports of all students, are sent to parents. On these reports, students are graded as follows: *A*, from 100 to 95 per cent; *B*, from 94 to 90; *C*, from 89 to 80; *D*, from 79 to 70; *E*, below 70 per cent, deficient; *I*, incomplete, indicating that some minor part of the work has been omitted, and is a condition until the deficiency is made up; *Absent*, meaning that a grade cannot be assigned because of absence from class work or examination.

### REMOVAL OF CONDITIONS

1) **Entrance Conditions:** Students admitted to partial standing in the Freshman class may remove their entrance conditions

a) by passing entrance examinations in the additional subjects necessary, provided such examinations are passed within one year after admission to the University

b) by equivalent credits received from the Summer School.

2. *Entrance conditions must be removed before the opening of the second college year. No student will be permitted to register for any subject of his second year until his entrance conditions are removed.*

3. Students entering from other colleges will not be admitted to advanced standing in any class until all entrance conditions have been removed.

4. **College Conditions:** A student whose term grade in any subject lies between 70 and 60 per cent. shall have two re-examinations and no more. These examinations will be set at the beginning and end of the First Term and at the end of the Second Term.

5. A student whose term grade in any subject lies between 59 and 40 per cent shall have one re-examination and no more at the beginning of the next session.

6. A student failing in both re-examinations in the first case or in the one re-examination in the second case will take the subject over and reduce the number of hours in the regular course in proportion.

7. A student whose term grade in any subject lies below 40 per cent will not be entitled to a re-examination, but will be required to take the subject over and reduce the number of hours in the regular course in proportion.

8. *The summer vacation should be devoted to work preparatory to condition examinations, as deficient students will not be permitted to carry extra work during term time.*

9. A Freshman having five or more term conditions at the end of first Term will be required to withdraw from the college.

10. A student of a higher class having five or more term conditions at the end of the first term will be required to drop back at once to the next lower class, and will not be permitted to take any additional work in the higher class.

11. Seniors and students taking Senior subjects failing in any subject the first term will have two opportunities for the removal of the condition. The first re-examination will take place within three weeks after the beginning of the second term and the second will take place at the close of the second term. Seniors failing in any subject of the second term will have one re-examination and no more.

12. No condition examination will be given Seniors after the Saturday before Commencement.

13. A Senior who fails to pass for graduation with his class shall have the privilege of standing his examinations at the opening of the next session, and, if successful, will receive his degree.

14. Conditioned students absent from the regular condition examination must present an excuse satisfactory to the professor in charge of the subject or receive a zero for the examination. When an excuse has been accepted a special examination will be held for which a fee of two dollars will be charged, payable to the Bursar. The time for such an examination must be arranged by the student with the professor in charge, and before taking the examination the student must obtain a permit from the Dean and the Registrar's office. This permit must be presented to the professor holding the examination.

15. Any student having six term conditions at the beginning of the session will be required to take the class over in all subjects.

16. No student with more than two term conditions may be permitted to register as a member of the next higher class, but shall be considered a member of the same class as the year before, until the number of his unremoved conditions shall not exceed two.

17. Under this rule the student who takes work in the next higher class and has three conditions will be required to omit one subject in the regular course.

18. A student who has more than three and less than six conditions will be required to omit two subjects in the regular course.

19. The subjects to be omitted shall be specified by the Dean.

20. The passing mark or grade for a condition examination shall be 80 per cent.

21. Conditions, whether due to failure, to incomplete work, or to absence, must be made up within a year from the date the subject was started, or the subject repeated in class.

---

### PROBATION

When a student is placed on probation by action of the faculty, it shall mean that either his scholastic standing or his general conduct, or both, are such as to render him liable to dismissal, unless he makes an earnest effort and shows decided improvement within the period of his probation. The student should recognize that being on probation is but little short of dismissal from the college. A student on probation shall be debarred from participation in student activities during his period of probation.

---

### ELIGIBILITY

Students who have more than two term conditions, or who are taking less than three subjects, or who are on probation, or who are delinquent in payment of tuition or other fees, are not eligible as class officers, as editors or sub-editors of college publications, as officers of any literary or debating club, or as members of an athletic team to represent a class, college, or the University.

---

### COLLEGE ORGANIZATION

The College of Technology offers broad courses of professional training in the fundamental principles underlying the various branches of Engineering and Architecture. The formulation of these courses is the outgrowth of the best thought of Educators and the Engineering profession and of our own experience during the last two decades.

In harmony with this principle, a committee is formulating changes in the courses of the Schools to give a broader training to those desiring to enter into the management of enterprises.

The technical studies in the *College of Technology* are contained in four divisions called *Schools*. The Schools are divided into *Departments*. A department includes subjects, or groups of subjects, which are similar in nature. The Schools are:

- Mechanical and Electrical Engineering.
- Civil Engineering.
- Chemical Engineering.
- Architecture.

No candidate for a degree is allowed to restrict himself to the narrow training which might be imparted by any one School. Work in the technical Departments of one of the above Schools is made the backbone or principal part of a four years' course and supplemental work is required in other Schools in the College of Technology and in the College of Arts and Sciences.

On the successful completion of a four years' course one of the following degrees is granted depending upon the course followed :

Bachelor of Engineering in the Mechanical and Electrical Engineering Course.

Bachelor of Engineering in the Civil Engineering Course.

Bachelor of Engineering in the Chemical Engineering Course.

Bachelor of Architecture.



## GENERAL COURSES

Required of Engineering Students as Indicated.

### CHEMISTRY

ASSOCIATE PROFESSOR MOSELEY  
MR. SHALLENBERGER  
MR. NELSON

MR. EVANS  
MR. LOTHROP

*Richardson Chemistry Building.*

#### **Chem. 11, 12. General Chemistry.**

Lectures, demonstrations, and recitations, involving general principles, laws of chemical combination, and a description of the elements and their important compounds.

Alex Smith, *General Chemistry for Colleges.*

Three hours a week. All Engineering Freshmen.

MESSRS. MOSELEY, SHALLENBERGER, EVANS, AND LOTHROP

#### **Chem. L11. General Chemistry Laboratory.**

Introductory practice for the purpose of familiarizing students with the appliances, methods of manipulation, and processes of the laboratory.

Alex Smith, *Experimental Inorganic Chemistry.*

Two periods a week. All Engineering Freshmen. First term.

MESSRS. MOSELEY, SHALLENBERGER, EVANS, AND LOTHROP

#### **Chem. L12. Elementary Qualitative Analysis.**

Baskerville and Curtman, *Qualitative Analysis.*

Two periods a week. Second term. All Engineering Freshmen. Courses L-11 and L-12 are required of all taking courses 11 and 12.

MESSRS. MOSELEY, SHALLENBERGER, EVANS, AND LOTHROP

### ENGLISH

ASSOCIATE PROFESSOR BROWN

*Gibson Hall, Room 24*

#### **English 11, 12. Composition and Rhetoric.**

The purpose of this course is to awaken and cultivate the creative power, and, by the study of selected literature and frequent practice in writing to instil a taste for good reading and to develop an accurate and effective power of expression.

Recitations; themes on assigned subjects, popular and literary, corrected and discussed. Fortnightly compositions, descriptive, narrative, expository, argumentative, corrected and criticized.

**American Literature:** Its history and relation to national life and society. Assigned readings.

Assigned readings in English and American literature, and in classical mythology in so far as it bears upon that literature.

All Freshmen. Three hours a week.

MESSRS. MCBRYDE AND BROWN

**English 21, 22. Argumentation, Public Speaking, and Essay Writing.**

The writing of briefs, speeches, lectures, and essays, with a study of standard models, and practice in delivering lectures.

Two hours a week. All Engineering Sophomores. MR. BROWN

**English 23, 24. English Literature.**

A sketch history of English literature from the beginnings to the present, with closer study of selected masterpieces.

Three hours a week. Both terms. Architectural Sophomores.

MR. MCBRYDE

**English 32. Advanced Oral Composition.**

Advanced practice in writing and delivering lectures.

Three hours a week. Second term. Juniors in Civil Engineering.

MR. BROWN

**English 41, 42. English Drama.**

1. Outline History of the Drama. 2. Fundamental Principles.
3. Shakespeare's Predecessors. 4. The later English Drama, Ibsen and other modern playwrights.

Three hours a week. Architectural Seniors. MR. BROWN

## MATHEMATICS

PROFESSOR A. B. DINWIDDIE

ASSOCIATE PROFESSOR MENUET

PROFESSOR WM. DINWIDDIE

MR. BAGOT

*Gibson Hall, Rooms 19 and 23*

**Math. 11. Algebra.**

Infinite series, undetermined coefficients with application to infinite series and partial fractions, permutations and combinations, probability, logarithms, the elements of determinants, and theory of equations.

Hawkes, *Higher Algebra*.

Five hours a week. First term, two months. All Freshmen.

MESSRS. MENUET AND BAGOT

**Math. 12. Spherical Trigonometry.**

The solution of right and oblique triangles, and the derivation of the necessary formulæ.

Second term. Required of Civil Engineering Freshmen; elective for other Freshmen.

MESSRS. MENUET AND BAGOT

**Math. 13. Plane Trigonometry.**

Theory and application of the trigonometric functions, with special attention to their periodic and related properties.

Palmer and Leigh, *Plane Trigonometry*.

Five hours a week. First term, two months. All Freshmen.

MESSRS. MENUET AND BAGOT

**Math. 14. Analytic Geometry.**

A brief introductory course in plane analytic geometry.

Smith and Gale, *Elements of Analytic Geometry*.

Five hours a week. Second term. All Freshmen.

MESSRS. MENUET AND BAGOT

**Math. 21. Analytic Geometry.**

Elements of solid analytic geometry.

Smith and Gale, *Elements of Analytic Geometry*; Charles Smith, *Conic Sections*.

Five hours a week. First term, one month. All Sophomores.

MESSRS. WM. DINWIDDIE AND MENUET

**Math. 22, 24. Differential and Integral Calculus.**

The fundamental principles of the differential and integral calculus with special application to geometry and mechanics.

Granville, *Elements of Differential and Integral Calculus*.

Five hours a week. Three months of first term, and second term. All Sophomores.

MESSRS. WM. DINWIDDIE AND MENUET

**Math. 35, 36. Differential Equations.**

The elements of differential equations with application to geometrical and physical problems.

Murray, *Differential Equations*.

Three hours a week. Elective.

MR. A. B. DINWIDDIE

**Math. 41, 42. Theory of Equations.**

Burnside and Panton, *Theory of Equations*.

Three hours a week. Elective.

MR. A. B. DINWIDDIE

## PHYSICAL TRAINING

MR. HANSON

**Object:**

*Gymnasium*

Physical Training teaches self-reliance and self-discipline, which lead to well developed will power. The ideal which we endeavor to have each student reach, is a pride in physical fitness which makes

him anxious to render a good account of whatever is entrusted to his care, whether it be a human body or a business.

### **Physical Examinations :**

A physical examination of each freshman is made on entering the Physical Training course and an anthropometric chart is given him showing his physical condition, not only in regard to muscular development, but also whether he is physically deficient or properly proportioned to his height. A record is kept of the measurements and of such physical defects, as spinal curvatures, round shoulders, flat feet, goitre, if one shoulder is low, or if one leg is short, etc. All such diseases as valvular disease of the heart, skin diseases, etc., are referred to specialists for free treatment. Many physical defects and diseases are found in unsuspecting students who may be given proper exercise, medical treatment, or advice as the individual case may need.

At the end of the school year, a second physical examination and anthropometric chart is made of each student and the results of the year's work is ascertained. Every student entering the university is required to complete a full year's work in Physical Training, unless excused by the dean for valid reasons.

### **Kind of Exercise Given :**

The classes are given light building up and conditioning work in free hand calisthenics, short runs, dumb-bells, Indian clubs, wands and chest machines, preliminary to wrestling tournaments, acrobatic and pyramid work. These exercises alternate with hand-ball, basket ball, and gymnasium games, to relieve the monotony of the harder work of muscle building and developing physical efficiency.

### **Gymnasium Equipment :**

The gymnasium is equipped with horizontal bars, parallel bars, rings, chest machines, punching bags, horse, dumb-bells, wands, Indian clubs, showers, hand-ball, basket-ball, base-ball, and volley ball courts, wrestling mats, jumping standards, etc., and has over 300 lockers. Every student in the university is allowed to use the gymnasium until he graduates. A large number of them take advantage of the physical training course throughout their entire school life.

### **Results :**

Each student who systematically keeps up the work during the school year should increase 15 or 20 per cent. at least in development units, and gain from 10 to 15 pounds in weight, provided he follows instructions in regard to bad habits, dissipation, etc.

**Medical Treatment :**

Students paying the medical fee should report when ill in person or send word to the medical officer who has an office on the campus.

---

**PHYSICS**

PROFESSOR CLO

MR. SHALLENBERGER

*Physics Building***Physics 21. General Physics.**

A general course covering the divisions of mechanics and heat. The work includes a study of motion, forces, composition and resolution of vectors, work, energy, machines, hydrostatics, hydraulics, buoyancy of liquids and gases, mechanical equivalent of heat, thermometry, expansion, calorimetry, thermodynamic relations, heat engines. Drill in the solution of concrete problems forms a large part of the work.

Primarily for Scientific and Engineering Sophomores, but open to all students who (1) have completed Mathematics 11, 12 and 14, and who (2) are either taking Mathematics 21, 22.

Lectures and recitations, three hours per week. First term. All Sophomores in Engineering and in Architecture.

**Physics L21. General Laboratory Work.**

A laboratory course to accompany Physics 21. The experiments are performed, calculations made and reports submitted in the laboratory. At regular intervals discussions, recitations and written tests are held.

The work includes the fundamental measurements of length, time, and mass, with a study of velocity, acceleration, moments of forces, elasticity, momentum, moments of inertia, study of liquids and gases, latent heats, radiation constants, hygrometry.

Open to students who are taking or who have completed Physics 21.

Two periods per week. First term. All Sophomores in Engineering and in Architecture.

**Physics 22. General Physics.**

A continuation of Physics 21 to include Electricity, Sound and Light. A study is made of magnetism, static electricity, electric currents, electro-magnetism, dynamos and motors, the telegraph, the telephone, applications of electricity in electrolysis and electric lighting, electrical instruments, electric waves, X rays, radioactivity, wave motion, nature of sound, refraction, interference and polarization of light, optical instruments.

Open to those who have completed Physics 21 and L 21.

Three hours per week. Second term. All Sophomores in Engineering and in Architecture.

**Physics L22. General Laboratory Physics.**

A continuation of Physics L 21 to accompany Physics 22. Laboratory exercises include measurement of electric current, voltage and resistance, magnetic measurements, efficiency of dynamos, efficiency of electric batteries, calibration of electrical instruments, study of capacities, velocity of sound, resonance in sound, interference in sound, study of optical instruments, measurement of intensity of light, efficiency of lamps, interference of light, polarization of light.

Two periods per week. Second term. All Sophomores in Engineering and in Architecture.

Open to those who are taking or have completed Physics 21, and L 21.

**Physics 31. Electricity and Magnetism.**

An intermediate course in theory of electricity and magnetism to supplement the work on electricity and magnetism in Physics 22. The same subjects are taken up by more analytical methods and the theory of ordinary electrical instruments is thoroughly studied. A drill in the general applications of electricity is given by means of many problems and exercises.

Three hours per week. First term. All Engineering Juniors.

Open to those who have completed Mathematics 21, 22, and Physics 22 and L 22 or their equivalent.

**Physics L31. Electrical Measurements.**

A course in electrical measurements to extend the work in electricity of Physics L 22. Accurate measurements of resistance, current, electromotive force, capacity and inductance are made. Instruments are tested and calibrated and a study is made of some of the newer phases of electricity, such as resonance in electrical oscillations, electric waves and radioactivity.

Open to all who take Physics 31, or who have completed it.

Two periods per week. First term. All Engineering Juniors.

**Physics 33. Analytical Mechanics. Described as M. and M. 33.**

This course is intended primarily for Engineering Juniors and is given in the College of Technology. It may be taken as a requirement in science by a student specializing in Physics in the College of Arts and Sciences.

### PHYSICS LABORATORIES

Instruction in Physics is given in the Physics Building. This building, a spacious two-story structure, 125 feet long by 53 feet deep, contains two lecture rooms, two large laboratories and eleven smaller rooms available for work in Physics. The two lecture rooms will accommodate a total of about 150 students at one time.

The larger lecture room is fitted up with every convenience for demonstrating the principles of physics. Water, gas, compressed air, vacuum pumps and electricity with both direct and alternating current are available at the lecture table. By means of a heliostat direct sunlight may be used for demonstration purposes. The room can be darkened in an instant, thus facilitating the use of lantern slides and other means of optical projection.

A very complete equipment of demonstration apparatus is in use in the department. There are complete sets of the common forms of mechanical apparatus, models of pumps and other hydraulic machines. For the study of Heat there are models of heat engines, apparatus to illustrate expansions of solids, liquids and gases and instruments to show reflection, refraction, absorption, conduction, convection and radiation of heat. For the study of Sound, there are tuning forks, sirens, resonators, stringed instruments, organ pipes, a reed organ, and apparatus to show the reflection, refraction, diffraction and interference of sound. In Light, there is available a collection of apparatus such as mirrors, lenses, prisms, diffraction gratings, spectroscopes, polariscopes, microscopes, telescopes, polarimeters, photometers and standard lamps, all of which are made by the best makers in Europe or America. The lecture apparatus in electricity and magnetism embraces several powerful electromagnets, a number of different kinds of dynamos and motors and additional models, ammeters, voltmeters, galvanometers, thermocouples, transformers, induction coils, Tesla coils and complete equipment to illustrate telephony, telegraphy, wireless telegraphy, X-rays and the phenomena of radio-activity.

Each under-graduate course in physics includes a definite amount of laboratory work, which is adapted to the needs of the class of students taking the course and which thus becomes a most important and prominent part of the training in physics. As a part of the special equipment for this purpose may be mentioned measuring instruments such as micrometer and vernier calipers, a fine cathetometer and standard meter, dividing engine, comparator, micrometer comparator, chronograph, analytical balances, apparatus to study forces and effect

of forces, apparatus for student work on velocity of sound, frequency of vibrations, resonance in sound, expansions of solids, liquids and gases, specific heats, latent heats and mechanical equivalent of heat. For the study of light there is apparatus for experiments on reflection, refraction, diffraction and interference of light, magnifying power of optical instruments, use of photographic camera, measurement of candlepower of lamps, spectrum analysis and polarimetry. In the electrical work the student learns the use of voltameters, potentiometers, Wheatstone bridge, ammeters, voltmeters, dynamos, motors, electroscopes for the study of radio-activity and X-ray apparatus.

Located in the Physics Building is the shop of the University mechanician, whose services are available for the repair and construction of apparatus. Much of the above apparatus was constructed in this shop.



# SCHOOL OF MECHANICAL AND ELECTRICAL ENGINEERING

## GENERAL STATEMENT

The School of Mechanical and Electrical Engineering prepares students to deal intelligently with problems in the design, construction and management of steam, hydraulic, gas and electric machinery and in the production and distribution of power. In the shops, laboratories and drafting rooms the students are trained in precision of management, of observation and of calculation. The spirit of the course is against vagueness or fogginess of observation, calculation or execution. It therefore gives an excellent training not only for those who become engineers, but also for those who do not intend to follow engineering as a profession.

**Designing and Drafting Rooms.** There are nine large rooms varying in size from 40'x50' to 40'x70', all specially designed for drafting and having an abundance of light, not only from the sides, but from overhead. The rooms are equipped with drafting tables of various sizes up to 4'x6'. In addition to the above there are three smaller drafting rooms used for special work.

In connection with rooms used for computing and designing are special technical libraries and catalog rooms containing thousands of catalogs of engines, boilers, steam specialties, gas and refrigerating machinery. There are also a large number of blue prints of machinery, such as multiple effects, vacuum pans, bagasse carriers, bagasse furnaces, sugar mills, etc.

**Laboratories.** Commercially a man is judged by what he *can do* rather than by what he *knows*. To cultivate the spirit of doing things, all recitation rooms are provided with ample blackboards, and in addition to the drawing rooms there are numerous well equipped laboratories which are described in detail under the description of the departments to which they belong.

**University Power Plant.** The boiler house is one of the group of Engineering Buildings. In it is located the steam plant of the University, from which all steam is taken for heating the buildings and supplying them with water and light. The steam for heating is carried underground at full boiler pressure to the different buildings, where the pressure is suitably reduced by automatic reducing valves.

Most of the buildings are heated by direct radiation. In the Physical Laboratory the heating is by the indirect (plenum) system. In the boiler room are situated boilers of the capacity, at present, of 150 H. P. of Stirling Water Tube form and a new horizontal return tubular boiler of 100 H. P. capacity. The latter is so arranged that natural, forced, or induced draft may be used. The furnace is of the Dutch oven type, so arranged that tests may be made with fuel oil or any grade of coal. This addition to the steam plant not only supplies steam for power and heat but also forms a valuable addition to the equipment in Experimental Engineering. Here are located also a Smedley duplex pump for boiler feeding and for handling the water supply, a Miller duplex pump for handling the condensed water from the steam heating, and a large 14 by 10 by 8½ Deane duplex fire-pump, for fire protection. The water for the steam plant and other general purposes is derived from an artesian well, 850 feet deep, located near the boiler house. The water is pumped by steam into a tank of eight thousand gallons capacity, supported on a steel tower at a height of 51 feet. From this tank, the water is led through six-inch mains to fire plugs near all the buildings, and to the waterpipes of the buildings themselves. This tank will serve also as a standpipe for hydraulic experiments, the head of 60 feet being easily maintained by the large Deane pump. Steam is carried from the boiler house to the Corliss and Harrisburg engines in the Steam Engine Laboratory and to the engine of the Mechanic Arts Laboratory. It is also carried into the Experimental Engineering Laboratory for experimental purposes.

### MECHANICAL-ELECTRICAL ENGINEERING COURSE.†

* Symbol			FRESHMAN YEAR	Term	
				I	II
Chem.	11	12	General Chemistry.....	3	3
Chem.	L 11	L 12	Gen. Chem. Lab. Qual. Anal.	2	2
D & D	L 11	L 12	Mechanical Drawing.....	3	3
English	11	12	Comp. and Rhetoric, Am. Lt.	3	3
Math.	11		Algebra.....	5	5
Math.	13	14	Plane Trig., Anal. Geometry }		
M A	11	12	Technical Instruction.....	1	1
M A	L 11	L 12	Carpentry & Pattern Making,	2	2
			Foundry.....		
Phy. T	L 11	L 12	Physical Training.....	1	1
				20	20

†Subject to proposed changes.

**SOPHOMORE YEAR**

				<b>Term</b>	
				<b>I</b>	<b>II</b>
Chem.		22	Technology of Materials.....		2
D & D	21		Descriptive Geometry .....	2	
D & D	L 21		Descriptive Geom. Drawing....	2	
English	21	22	Argumentat. Public Speak'g	2	2
Math.	21	22	Anal. Geom. Diff. Calculus.. }	5	5
Math.		24	Integral Calculus .....		
M A	{ 21 or 22 }		Technical Instruction .....	1	1
	{ 23 or 24 }				
M A	{ L 21 or L 22 }		Forging and Tool Making }	3	3
	{ L 23 or L 24 }		Machine Tool Work .....		
Physics	21	22	Mechanics and Heat .....	3	3
Physics	L 21	L 22	Electricity, Sound, Light .....	2	2
S		L 24	Elementary Surveying .....		2
				<hr/>	<hr/>
				20	20

**JUNIOR YEAR**

D & D	31	32	Kinematics .....	2	1
D & D	L 31	L 32	Kinematic Drawing .....	2	1
D & D		L 34	Machine Design .....		2
E E		34	Elements Elect. Eng'g. ....		4
H E	L 31		Experimental Engineering ....	2	
H E		32	Element. Thermodynamics....		3
M & M	31	32	Mech. of Mats. & Graphics....	4	3
M & M		L 32	Testing Materials .....		2
M & M	33		Analytical Mechanics .....	3	
M A		32	Metallography .....		1
M A		L 32	Metallography Laboratory....		2
Physics	31		Electricity and Magnetism....	3	
Physics	L 31		Electrical Measurements.....	2	
				<hr/>	<hr/>
				18	19

**SENIOR YEAR**

D & D	L 41	L 42	Steam Engine & Boiler Design	2	2
D & D		L 46	Power House Design .....		3
E E	41	42	Electrical Engineering .....	3	3
E E	L 41	L 42	Electrical Laboratory .....	3	3
H E	41	42	Experimental Engineering....	1	1
H E	L 41	L 42	Exper. Engineering Lab'y....	1.5	1.5
H E	43		Steam Engines, Turbines .....	3	
H E	45		Steam Boilers .....	2	
H E		48	Gas Engines .....		3
Hy E	41		Hydraulics .....	4	
			Elective .....		3
				<hr/>	<hr/>
				19.5	19.5

\*The Symbol consists in a contraction of the name of the department (in which the subject occurs) and a number made up of two or more digits, preceded by the letter L, in the case of a laboratory or drafting-room subject.

**The first digit indicates the grade of work:**

- 1—Freshman grade.
- 2—Sophomore grade.
- 3—Junior grade.
- 4—Senior grade.

**The remaining digit or digits differentiate subjects in the same department and also indicate the term. If the last digit is odd the first term is indicated, and if even the second term is indicated.**

**Thus, H E L41, L42 indicates a laboratory subject in the Heat Engineering Department, of the Senior grade, in the first and second terms. It is described on page 146 and is given a credit of 1.5 year-hours.**

## DEPARTMENT

### DRAWING AND DESIGN (D & D)

PROFESSOR CREIGHTON

PROFESSOR ROBERT

PROFESSOR GREGORY

SUB. ASSISTANT PROF. LEHDE

PROFESSOR ANDERSON

*Stanley Thomas Hall.*

**D and D L11, L12. Mechanical Drawing.**

(See School of Civil Engineering, page 159.)

**D and D 21. } Descriptive Geometry.**  
**D and D 22. }**

Blessing and Darling, *Descriptive Geometry*.

Recitations. Two hours a week. First term; Sophomores in Mechanical and Electrical Engineering. Second term; Sophomores in Civil Engineering and in Architecture.

MR. ROBERT.

**D and D L21. } Descriptive Geometry Drawing.**  
**D and D L22. }**

Solution of problems on the drawing board.

Blessing and Darling, *Descriptive Geometry*.

Two periods a week. First term; Sophomores in Mechanical and Electrical Engineering. Second term; Sophomores in Civil Engineering and in Architecture.

MR. LEHDE

The drawing rooms for the Freshmen and Sophomore Classes are provided with drawing tables. The rooms are of ample size and remarkably well lighted with overhead skylights and side windows.

**D and D 31, 32. } Kinematics.**  
**D and D L31, L32. }**

This course includes the study of the action of the various combinations of the elements of machines (without regard to their strength) by the construction of velocity and acceleration diagrams, centrodes, etc. The principles governing the communication of motion through gear and pin wheels, belts, cams and linkwork are studied and applied graphically to the solution of problems.

Angus, *Kinematics of Machinery*.

Two hours and two periods a week, first term; one hour and one period, second term, Juniors in Mechanical and Electrical Engineering. Two hours, first term, Juniors in Civil Engineering.

MR. LEHDE

**D and D L34. Machine Design.**

A course dealing with the fundamentals of machine design. This includes the proper proportioning of machine elements to withstand the stresses impressed, design of bearings, provision for lubrication, fastening details, complete assemblies, etc. A thorough knowledge of Course M and M 31, is essential.

Benjamin & Hoffman, *Machine Design*.

Kent, *Mechanical Engineer's Pocket Book*.

Two periods a week. Second term. Juniors in Mechanical and Electrical and Chemical Engineering.

MR. LEHDE

**D and D L41, L42. Steam Engine and Boiler Design.**

Design of a High Speed Engine—Calculation and design of the various members. Design of valves and links. Effect of inertia stresses, etc. Design of the cylinders and valve mechanism of a compound Corliss engine to deliver a given horse-power at a given water rate per horse-power-hour. Design of water or fire tubular boilers.

Creighton, *Steam Engines and other Motors*.

Kent, Seaton, *Periodicals*.

Peabody and Miller, Parsons, Shock, Professor's notes, etc.

Two periods a week. Seniors in Mechanical and Electrical Engineering.

MR. LEHDE

Two periods a week. Second Term. Seniors in Mechanical and Electrical Engineering.

MR. CREIGHTON

**D and D L44. Evaporative Machinery Design.**

(See School of Chemical Engineering, page 172.)

**D and D L46. Laying Out a Power House.**

The main dimensions of the various units are calculated and the space occupied by them is found from the makers' catalogs or other sources of information; the arrangement of the units for efficient operation is discussed. Plans are drawn.

Morris, *Piping of Steam Power Houses*. Gebhardt, Foster, Creighton.

Three periods a week. Second term. Seniors in Mechanical and Electrical Engineering.

MR. CREIGHTON

**ELECTRICAL ENGINEERING (E. E.)**

PROFESSOR ANDERSON

MR. HIRSCH

MR. BERRY

*Stanley Thomas Hall***GENERAL STATEMENT**

Electrical Engineering and Mechanical Engineering are two branches of the profession so intimately connected in modern practice that it has been deemed wise by the Faculty of the College of Technology to recognize this fact in the arrangement of courses. To this end the two subjects are combined in a single course, designated the Mechanical and Electrical Engineering Course. Opportunity is given, however, to the student who desires to specialize in either direction by means of electives in the Senior year.

This course has been amply justified by the success with which our graduates have met in the practice of their profession.

Instruction in the fundamental principles of Electricity is left almost entirely to the Department of Physics, the whole of the student's time in this department being given to the study of the application of principles to engineering problems.

**E E 32, L 32. Applied Electricity.**

This is a short descriptive course intended for students in engineering courses other than Mechanical and Electrical. Fundamental principles are briefly reviewed and descriptive lectures are given upon the more essential types of machines and apparatus. The Civil Engineer, the Chemical Engineer, and the Architect, all have need at times of a knowledge of electrical appliances, and this course is designed to help meet that need.

One period per week is devoted to laboratory work in which the student has occasion to set up and operate the more common types of generators and motors, to make efficiency tests, to calibrate watt-hour meters, to inspect and test out wire installations, and to do other work of like character which will serve to give him a working knowledge of the applications of electricity in his special line of work.

Visits of inspection are made to various electrical plants in the city. Gray, *Principles and Practice of Electrical Engineering*.

Two hours and one laboratory period per week. Second term. Juniors in Civil and Chemical Engineering.

**E E 34. Elements of Electrical Engineering.**

This forms a general introduction to the study of Electrical Engineering. A thorough review is given of the fundamental principles

of both direct and alternating currents with reference to their practical application to engineering problems. The essential principles of the design and construction of modern dynamo-electric machinery, including generators, motors, auxiliary apparatus, switch-boards, etc., both D. C. and A. C., are studied with the view of giving the student a practical acquaintance with the apparatus, a more detailed study of which will be taken up later on in the course.

- The work is carried on by means of lectures, recitations and the solution of assigned problems.

Gray, *Principles and Practice of Electrical Engineering*.

Four hours a week. Second term. Juniors in Mechanical and Electrical Engineering.

#### **EE 41. Direct Current Machinery.**

This course goes more intimately into the details of design and construction of electrical machinery and appliances, and takes up certain more advanced problems which were not touched upon in the introductory course.

Three hours a week. First term. Seniors in Mechanical and Electrical Engineering.

#### **EE L41. Electrical Engineering Laboratory.**

Measurements of resistance, calibration of instruments, tests of magnetic materials, operating characteristics of D. C. generators and motors, efficiency tests, regulation and heat tests.

Karapetoff, *Experimental Electrical Engineering, Vol. I.*

Three periods a week. First term. Seniors in Mechanical and Electrical Engineering.

#### **EE 42. Alternating Current Machinery.**

Lectures, recitations and problems on synchronous generators and motors, transformers, rotary converters, induction motors, single-phase commutator motors, and auxiliary apparatus.

Christie, *Electrical Engineering*.

#### **EE 42. Power Plants and Transmission Lines.**

Lay-out of machinery and appliances for power plants, construction of transmission lines, calculation of regulation of long line and similar problems.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering.

#### **EE L42. Electrical Engineering Laboratory.**

Experimental study of circuits containing resistance, inductance and capacity, determination and analysis of wave forms, operating



characteristics of synchronous generators and motors, rotary converters, induction motors, efficiency tests of transformers.

Karapetoff, *Experimental Electrical Engineering, Vols. I and II.*

**EE 142. Electrical Machine Design.**

In order to insure that the student gets a thorough grasp of fundamental principles as applied to details of construction, and also to show the necessary modifications required in practice and based upon experience, he is required to design a modern direct current generator and a transformer, each of commercial size.

Gray, *Electrical Machine Design*, supplemented by other treatises on design, as well as by manufacturers' bulletins and catalogs.

Three periods a week. Second term. Seniors in Mechanical and Electrical Engineering.

**EE 44. Electric Railways, Illumination and Photometry, Wireless Telegraphy, Telephone Engineering.**

The above named subjects are merely suggestive and offer an opportunity to the student who may desire to specialize in some electrical line not taken up in the regular course. The subject to be given in any one year will depend upon the special needs of the student electing the course.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering. Elective.

**LABORATORIES**

The Department of Electrical Engineering has its quarters in the new Stanley Thomas Hall. On the second floor are the lecture room and office of the professor. The lecture room is equipped with water, gas and a number of electrical circuits connected to the distribution board in the main laboratory. Facilities are provided for the use of the stereopticon.

On the first floor is a large general laboratory, 60 by 60 feet, with cement floor and concrete piers for machinery. The windows are set high up in the walls and the radiators are hung from the ceiling so that the floor and wall space is entirely unobstructed, and is all available for mounting apparatus thereon.

A complete system of distribution is provided by means of wiring conduits laid in the cement floor, and the circuits all terminate at a main distribution board. The board is provided with three sets of bus-bars to which are supplied respectively direct current at 125 volts, single-phase current at 115-230 volts, and three-phase current at 240 volts.

Upon this same floor is another room, 25 by 60 feet, which is used principally for calibration of instruments, meter testing, magnetic testing and other such work. This room is also provided with distribution board and conduits.

The equipment consists of a number of standard machines in sizes best adapted to laboratory work, among which are a 5-kilowatt three-phase generator, two 2-kilowatt three-phase generators, a 25-kilowatt single-phase generator, a 7.5 kilowatt rotary converter with special set of transformers, several squirrel-cage induction motors, a 9 H. P. slip-ring induction motor with speed control rheostat, a number of transformers of different types and capacities, two Crocker-Wheeler variable speed motors of 6 H. P. each, a Reliance variable speed motor of 10 H. P., a G. E. 7.5 H. P. motor, two small compound wound generators with complete switchboard equipment, a G. E. 7-kilowatt three-wire generator, a G. E. 15-kilowatt interchangeable A. C. generator and induction motor.

There is a large equipment of measuring instruments of different types and capacities, as well as watt-hour meters, arc lamps, rheostats, storage batteries and other auxiliary apparatus.

In addition to the above, the University power plant is available for testing and experimental purposes.

---

### HEAT ENGINEERING (H. E.)

PROFESSOR CREIGHTON

PROFESSOR ROBERT

SUB. ASSISTANT PROF. LEHDE

*Stanley Thomas Hall.*

#### **H E L31. Experimental Engineering.**

Calibration of gages, indicator springs thermometers, planimeters, valve setting of slide valve engines. Getting up steam in steam boilers, starting and stopping engines, operating engines and boilers.

Carpenter and Diederichs, *Experimental Engineering*.

One laboratory period and one lecture a week. First term. All Engineering Juniors.

MESSRS. ROBERT AND LEHDE

#### **H E 32. Elementary Thermodynamics.**

Discussion of the fundamental laws of thermodynamics; the equation of conditions for air and superheated steam; relations between temperature, volume, pressure, heat and work for changes of state; indicators and indicator cards, valve setting, Bilgram and Zeuner valve diagrams.

Creighton, *The Steam Engine and other Heat Motors.*

Three hours a week. Second term. All Engineering Juniors.

MR. ROBERT

**H E 41, L41. } Experimental Engineering.**  
**H E 42, L42. }**

Valve setting of engine, experimental study of efficiency and economy of steam, gas, and hot air engines, steam turbine, air compressor, boilers, pumps of various types, injector, steam calorimeters, condenser, etc. Viscosity, density, flash point, and coefficient of friction of lubricating oils. Tests of power plants in the city.

Carpenter and Diederichs, *Experimental Engineering.*

One laboratory period of three hours and one lecture a week. Seniors in Mechanical and Electrical Engineering.

MESSRS. ROBERT AND LEHDE

**H E 43. Steam Engines, Turbines, Refrigeration.**

A continuation of H. E. 32. Entropy, superheat, Hirn's analysis; laying-out cards for compound and triple expansion engines and pumps; principles of fly-ball governors, shaft governors; balancing engines; principles of compressed air engines, refrigerating machines; gas engines; calculation of dimension of air pumps, boiler feed pumps, centrifugal pumps, condensers, feed water heaters.

Creighton, *Steam Engines and other Heat Motors.*

Three hours a week. First term. Seniors in Mechanical and Electrical Engineering.

MR. CREIGHTON

**H E 45. Steam Boilers.**

The principles governing the design, construction and maintenance of steam boilers. The formation and influence of scale, its prevention, removal, etc. Laws governing the evolution of heat and its transfer through the heating surface of steam boilers. Smokeless combustion.

Parsons, *Steam Boilers.* Professor's Notes.

Two hours a week. First term. Seniors in Mechanical and Electrical and Chemical Engineering.

MR. ROBERT

**H. E. 47. Evaporative Machinery.**

(See School of Chemical Engineering, page 172.)

**H E 48. Internal Combustion Engines.**

A study of the theory, construction and operation of internal combustion engines. Gas and gasoline engines of both the four stroke cycle and two stroke cycle are tested in the laboratory of experimental engineering.

Streeter, *Internal Combustion Engines*.

Three hours a week. Second term. Seniors in Mechanical and Electrical Engineering.

MR. ROBERT

### **Gas Engine Laboratory.**

There are several gas and gasoline engines of the four cycle type, varying from  $1\frac{1}{2}$  to 12 H. P., and a 10 H. P. gasoline engine of the two cycle type. There are two hot air engines of different make. This equipment is located in the Experimental Engineering Laboratory in the Engineering Building.

### **Fuel Testing Laboratory.**

This laboratory is located on the first floor of Stanley Thomas Hall and contains a Junker's Calorimeter for determining the heat value of gas and gasoline; a Parr Calorimeter for determining the heat value of coals and fuel oils; an Orsat apparatus for flue-gas analysis and the necessary apparatus for the proximate analysis of coals.

### **Lubricants Testing Laboratory.**

This laboratory is located on the first floor of Stanley Thomas Hall and contains the necessary apparatus for making the usual physical tests of lubricants. The equipment includes: a Thurston oil testing machine, driven by a variable speed motor, viscosimeters of the Carpenter and Stormer types, and apparatus for determining the flash and burning point of oils.

### **Steam Engineering Laboratory.**

For the study of steam engineering there are available: the extensive steam plant of the University; an experimental boiler arranged for forced, induced and natural draft and equipped for using coal or fuel oil; a 40 H. P. Corliss engine and a 50 H. P. high speed engine of the shaft governor type, equipped with an Alden brake. A condenser is used with either of these engines.

There are also a 20 H. P. slide valve engine in the Mechanic Arts Laboratory; a vertical 6 H. P. engine, largely built by students, and a small De Laval Steam Turbine. A small condenser is used with the small engine or with the turbine when they are tested. An air compressor, injectors, calorimeters of the throttling and separating types, gages, dynamometers and other instruments are provided for use in testing.

**MATHEMATICS AND MECHANICS (M. and M.)**

PROFESSOR A. B. DINWIDDIE

PROFESSOR ROBERT

PROFESSOR CREIGHTON

ASSOCIATE PROFESSOR MENCHET

PROFESSOR ANDERSON

SUB. ASSISTANT PROF. LEHDE

PROFESSOR WM. DINWIDDIE

MR. BAGOT

*Stanley Thomas Hall***Mathematics.** (See General Courses, page 129.)**M and M 31, 32. Mechanics of Materials and Graphics.**

All structures, whether they are partly in motion, as in machinery, or entirely quiescent, as in the case of roofs, bridges, buildings or foundations, are composed of elements that are subjected either to pull, thrust, bending, torsion, or a combination of two of these. The subject deals with the application of the laws governing the design of such elements, so that they may have the proper shape and dimensions to secure sufficient rigidity and strength to perform their required office economically. The Cambria Handbook is used as a text-book and students are required to pick out beams, girders, columns, etc., from its tables; design skeleton steel floors and columns, etc.

Analysis of the stresses in roof and bridge trusses under dead wind loads by the force polygon. Application of the equilibrium polygon to the discussion of beams and girders.

Boyd, *Strength of Materials*; Ketchum, *Mill Building*; Cambria, *Handbook*; Holcomb, *Graphical Statics*.

Four times a week first term. Three times a week second term. All Juniors in Engineering and in Architecture.

MR. CREIGHTON

**M and M L32. Testing Materials.**

Experimental study of wrought and cast iron, steel and wood in tension, compression and cross-bending; of cement and concrete in tension or compression.

Carpenter & Diederichs, *Experimental Engineering*.

One laboratory period and one lecture hour a week. Second term. All Engineering Juniors.

MESSRS. ROBERT AND LEHDE

**M and M 33. Analytical Mechanics.**

This course is supplementary to Dynamics given in the Physics Course, and is preparatory to the general engineering courses in the Junior and Senior years. Special emphasis is placed on the practical bearings of fundamental mechanical principles, and these principles are illustrated by the solution of many practical problems.

Three hours a week. First term. All Engineering Juniors.

MR. ANDERSON

**Mechanics of Materials Laboratory.**

For the experimental study of the strength of materials there are available a Riehle Brothers' autographic testing machine of 100,000 pounds capacity in tensile or compressive tests, and provided with supports for testing long beams in cross-bending; an Olsen torsion testing machine for specimens up to five feet in length and one and one-half inches in diameter. Tests are made in tension and in torsion of steel, wrought, and cast iron. Characteristic stress-strain diagrams are obtained by means of accurate reading instruments for measuring strain. These machines are located in the Engineering Building.

**Cement Testing Laboratory.**

The Cement Laboratory is located on the first floor of Stanley Thomas Hall and is provided with a Fairbanks testing machine, Vicat needle, sieves, molds and all accessories required in conducting tests of cements. Commercial work in cement testing is carried on in the same laboratory.

---

**MECHANIC ARTS (M. A.)**

PROFESSOR ROBERT

MR. HUSTEDT

*Engineering Building.***MA 11. Technical Instruction.**

This course deals (a) with the character of wood-working tools, their care and uses; (b) with a study of woods, tree growth, the manufacture of lumber and of shop processes from the sorting of rough lumber to the finished product. As often as time permits, visits will be made to wood-working factories.

Text-books: Goss, *Bench-work in Wood*; Golden, *Exercises in Wood-turning*.

One hour a week. First Term. All Engineering Freshmen.

MR. HUSTEDT

**MA L11. Carpentry and Wood-Turning.**

The bench-work consists of a series of exercises, calling for the use of the common wood-working hand tools. Advanced work (such as cabinet making) involving the use of machinery, will be given to students whenever possible.

The wood-turning course gives the student familiarity with machinery in motion. It is divided into two distinct phases. In the first the student acquires skill in the use of wood-working tools; in the second, he is given the rudiments of design, Suitable objects in mahogany will be turned and polished.

Text-books: Goss, *Bench-work in Wood*; Golden, *Exercises in Wood-turning*.

Two periods a week. First Term. All Engineering Freshmen.

MR. HUSTEDT

**M A 12. Technical Instruction.**

Pattern-making: Lectures on the correct methods of selecting stock, of laying out working drawings and in building up patterns and core boxes of all kinds.

Foundry: Lectures on molding, snap work, floor and crane work, operation of a cupola, and on the mixing of metals. Visits to foundries will be made as often as time permits.

Text-book: International Text-books, *Text-book of Elementary Pattern-making and Foundry Practice*.

One hour a week. Second term. All Engineering Freshmen.

MR. HUSTEDT

**M A L12. Pattern-Making and Foundry Work.**

This course includes instruction and practice in making patterns and core-boxes for various machinery castings, making the cores and the castings in the foundry, and mixing and melting metals in the cupola and crucible furnace.

All work is done from drawings and blue-prints.

Two periods a week. Second Term. All Engineering Freshmen.

MR. HUSTEDT

**M A 21. } Technical Instruction.**  
**M A 22. }**

Lectures on the management of iron in forging, the proper heats for various kinds of work, the correct method of making the different welds, and the several ways of case-hardening, the injurious effects of overheating steel, the proper methods of hardening and tempering the different kinds of steel, and the straightening of hardened tools.

Text-book: Bacon's *Forge Practice*.

One hour a week. First or second term. Sophomores in Mechanical and Electrical Engineering.

**M A L21. } Forging and Tool-Making.**  
**M A L22. }**

This course includes exercises in heating, bending, drawing, up-setting, shaping, twisting, and welding, and in case-hardening, annealing steel, forging, hardening, and tempering tools. All work is done from blue-prints.

Three periods a week. First or Second term. Sophomores in Mechanical and Electrical Engineering.

MR. HUSTEDT

**M A 23. } Technical Instruction.**  
**M A 24. }**

Lectures on the proper speeds of shafting, the proper feeds and speeds for the machining of different metals, the proper shape and use of cutting tools.

Text-book: Leonard, *Machine-Shop Tools and Methods*.

One hour a week. First or second term. Sophomores in Mechanical and Electrical Engineering.

MR. HUSTEDT

**M A L23. } Machine-Tool Work.**  
**M A L24. }**

Exercises in chipping, filing, and scraping, such as facing valves, making face-plates, and fitting parts of machinery; machine work in turning, facing, boring, planing, drilling, and thread-cutting. All work is done from drawings.

Three periods a week. First or Second term. Sophomores in Mechanical and Electrical Engineering.

MR. HUSTEDT

**M A 32, L32 Metallography.**

This course comprises the study of *Ferrus Alloys* by physical and microscopic methods. *Low Carbon Steels*, *Alloy Steels*, *Common Crucible Steels* and *Basic Pig Irons* will be studied with reference to their internal structure.

Experiments will be conducted to determine and illustrate the effect of various heat treatments upon these metals. The results obtained will be checked, particularly by comparing the sample used with standard metallurgical specimens. Microphotographs will be taken of the specimens and comparisons made with numerous standard plates of work performed by scientists in this field of research.

The laboratory periods will be utilized in the preparation of specimens for heat treatment, physical tests and the preparation and examination of microsections.

The lectures will deal principally with the methods of manufacture of the various alloys to be investigated and a study of the physical changes which occur during the necessary heat treatments of the manufacturing operations.

One lecture, two laboratory periods. Second term. Juniors in Mechanical and Electrical Engineering.

MR. ROBERT

**Metallography Laboratories**

The laboratories are fitted up with the appliances necessary for the preparation and testing of the specimens together with the following special equipment: A Hoskins recalescent outfit, a large electric



furnace for experimental purposes, a large National Appliance Company gas furnace, a standard pyrometer equipment for furnace work, two polishing outfits for microsections, a photographic apparatus for microphotographs, six microscopes fitted up for metallography, a complete Scimatico collection of metallographic standards with chemical analysis of microphotographs and history of heat treatment.

There are numerous lantern slides showing the various methods of manufacturing iron and steel, together with views of numerous microsections showing the result of the heat treatment of various alloys. There is also a large stock of special mixture alloys for research work.

#### **Mechanic Arts Laboratories.**

The Mechanic Arts Laboratories are large, well lighted, and fully equipped. They are operated by electricity from the University Power Plant.

The Carpentry Laboratory is furnished with 28 independent benches, each supplied with a set of all the tools necessary. The Wood-Turning and Pattern-Making Laboratory is provided with 26 lathes, a band-saw, grindstone, a large pattern-maker's lathe, a jointing and hand planing-machine, a double revolving circular sawing-machine, an automatic cutting-off saw, a mortise-machine, a tenoning-machine, a No. 16 edger, and a No. 126 planer and matcher, and one knife grinder.

The Forging Laboratory contains one 10 H. P. Westinghouse electric motor, by which the fan and line-shafting are driven, 24 forges with fan blast, the same number of anvils with complete sets of blacksmith's tools, and a Justice power trip-hammer. The Foundry Laboratory contains a cupola furnace of the capacity of 2000 pounds per hour, a core oven, a No. 2 B. and S. rattler, a moulding floor 20x40 feet, flasks, tools, etc.

The Machine-Tool Laboratory contains a 10 H. P. Siemens & Halske electric motor, by which the machinery is usually driven, the steam engine of 20 H. P. occasionally used for the same purpose, three drill-presses, two planers, two shapers, an emery wheel, a buffing wheel, a No. 4 wet drill-grinder, ten engine lathes, six speed lathes, 14 vise benches, a large universal milling-machine with slotting attachment (Brown and Sharp), and a Greenfield grinding-machine. At one end of the Machine-Tool Laboratory and between it and the Pattern-Making Laboratory, is located the tool-room and store-room for supplies.

In the classes in Technical Instruction constant use is made of the electric lantern and reflectoscope for demonstration purposes.

**Chemistry.** See Chem. 11, 12, L11, L12 and 22, pages 128 and 170.

**English.** See English, 11, 12, 21, 22, page 129.

**Hydraulics.** See Hy E. 41, page 159.

**Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 129.

**Physical Training.** See page 130.

**Physics.** See Physics, 21, 22; L21, L22, 31, L31; page 132.

**Surveying.** See S L24, page 164.

# SCHOOL OF CIVIL ENGINEERING

## GENERAL STATEMENT

The School of Civil Engineering offers courses which are planned with the idea of giving instruction in the fundamental principles necessary for a broad training in the profession of Civil Engineering.

This profession comprises the survey, location and construction of roads; railroads, canals and water works; the construction of foundations under water and on land, and of superstructures and tunnels; the survey, improvement and protection of coasts and the regulation of rivers, harbors and lakes; the astronomical determination of geographical co-ordinates for geodetic and other purposes; the application of mechanics, graphical statics and descriptive geometry to the construction of various kinds of arches and girders; the drainage of districts, the sewers of towns and the irrigation and reclamation of land; the design, construction, application and tests of hydraulic and electric motors and of steam engines; the preparation of drawings, plans and estimates of costs, and specifications; the proper inspection and tests of the materials used in construction.

*It is worth noting that the general course in Civil Engineering offers a good training for a business career and is taken by many who do not intend to follow the Civil Engineering profession.*

This School occupies commodious quarters in the Engineering buildings. Its drafting, recitation rooms and laboratories are modern and up to date, being equipped for the purposes for which they are used.

The library of the School contains the best books and periodicals covering the field of Civil Engineering, and is constantly being added to. The bound volumes of the various engineering societies, such as the American Society of Civil Engineers, American Society of Mechanical Engineers, American Society of Testing Materials and others are of great value. A well selected collection of blue-prints furnished by contractors, engineers and architects is available for use in connection with studies in design.

There are available for the use of students in this School three large drafting rooms with unexcelled illumination through overhead skylights and side windows. The drafting tables range from the usual size to those large enough to accommodate large railroad maps.

The instrumental equipment for surveying consisting of compasses, sextants, levels, transits, plane tables, etc., is exceptionally good and comprehensive.

In addition to the training derived from the use of the drafting rooms and instruments above mentioned, the student is trained in numerous laboratories with special equipment, whose description will be given in detail under the title of the departments concerned.

To afford practical experience in the field operations relating to Topographic and Railroad Surveying, the School of Civil Engineering maintains a *Camp of Practice*. This camp is near Gurley, East Feliciana Parish, on the Yazoo and Mississippi Valley Railroad, about one hundred and twenty miles from New Orleans. Here several thousand acres of land are available, which, on account of their varied topographic features (comprising hills, streams, well cleared fields, and open woods) are especially well adapted to the needs of the student.

At the close of the Sophomore and Junior years the student is required to spend not less than fifteen days at the camp where, through long working hours and under exacting requirements, he makes topographic and railroad surveys surrounded by the ACTUAL conditions that confront the civil engineer in the field.

The graduate in Civil Engineering has a broad course chosen from a number of schools. In addition to work in the departments of mathematics, chemistry, physics and electricity, he is trained in each of the following departments scheduled:

### CIVIL ENGINEERING COURSE†

* Symbol			FRESHMAN YEAR	Term	
				I	II
Chem.	11	12	General Chemistry.....	3	3
Chem.	L 11	L 12	Gen'l Chem. Lab. Qual. Analy.	2	2
D & D	L 11	L 12	Mechanical Drawing.....	3	3
English	11	12	Comp. and Rhetoric, Am. Lit....	3	3
Math.	11	12	Algebra, Spher. Trig. .... }	5	5
Math.	13	14	Plane Trig., Anal. Geom. .... }		
M A	11	12	Technical Instruction .....	1	1
M A	L 11	L 12	Carpentry and Pattern Making,		
			Foundry .....	2	2
Phy. T	L 11	L 12	Physical Training .....	1	1
				20	20

\* For significance of Symbols, see page 138.

†Subject to proposed changes.

## SOPHOMORE YEAR

			Term	
			I	II
A & O	2I	History of Arch. & Ornament.....	2	
Chem.	2I	Technology of Materials.....	2	
D & D		22 Descriptive Geometry.....		2
D & D	L 22	Desc. Geom. Drawing.....		2
English	2I	22 Argumentation, Public Speak'g	2	2
Math.	2I	22 Anal. Geom. Diff. Calculus.....	5	5
Math.		24 Integral Calculus.....		
Physics	2I	22 Mechanics and Heat.....	3	3
Physics	L 2I	L 22 Electricity, Sound and Light.....	2	2
S	L 2I	Plane Surveying.....	2	
S		L 26 Higher Surveying & Astron'y..		3
			18	19
S	L 20	Vacation Camp Survey. Two weeks in field		

## JUNIOR YEAR

B & S	L 32	Structural Details .....		2
D & D	3I	Kinematics.....	2	
English		32 Adv. Oral Composition .....		3
E E		32 Applied Electricity .....		2
E E	L 32	Applied Electricity.....		1
H E	L 3I	Experimental Engineering.....	2	
H E		32 Element. Thermodynamics.....		3
M & M	3I	32 Mech. of Mats. and Graphics....	4	3
M & M	L 32	Testing Materials.....		2
M & M	33	Analytical Mechanics .....	3	
Physics	3I	Electricity and Magnetism.....	3	
Physics	L 3I	Electrical Measurements.....	2	
R R	L 32	Railroad Engineering.....		3
S	L 3I	Topographical Drawing.....	3	
			19	19
R R	L 30	Railroad Vacation Camp Survey. Two Weeks		

## SENIOR YEAR

B & S	4I	Reinforced Concrete .....	3	
B & S	43	Foundations.....	3	
B & S	45	Stresses in Framed Structures....	4	
B & S	L 48	Bridge Design .....		5
C L	4I	42 Commercial Law.....	2	2
Hy E	4I	Hydraulics .....	4	
Hy E		42 Irrigation and Drainage .....		3
M E		42 Municipal Engineering.....		4
M E	L 46	Engineering Design.....		4
R R	L 4I	R. R. Mapping and Earthwork..	3	
			19	18

## DEPARTMENTS

---

### BRIDGE AND STRUCTURAL ENGINEERING (B. & S.)

PROFESSOR DERICKSON

*Engineering Building*

#### **B and S L32. Structural Details.**

The application of mechanics to the design of heavy timber framing; plane and table fish-plate joints subject to high tensile stresses; the complete detailed design of a wooden roof truss with bill of material. The object of this course is to teach the economical and scientific designing of wooden structures.

American Civil Engineers Pocket-book, and Lecture Notes.

Two periods a week. Second term. Juniors in Civil Engineering.

MR. DERICKSON

#### **B and S 41. Reinforced Concrete.**

A study of the fundamental principles underlying the rational design of reinforced concrete construction. At each exercise an example is worked which takes about an hour. The problems are so arranged that they bring out the most important parts of the lesson. The results of tests are gone over and compared with the determinations in accordance with the theory.

Hool and Johnson, *Concrete Engineers Handbook*.

Three hours a week. First term. Seniors in Civil Engineering.

MR. DERICKSON

#### **B and S 43. Foundations.**

The materials used and the theories involved in foundations and masonry construction are covered by recitations, lectures, and reports prepared by the student from assigned references. Foundations, retaining walls, piers, abutments, and the elastic arch are studied as extensively as the time will permit.

For cement testing, etc., see M. & M. L32.

Baker, *American Civil Engineers Pocket-book and Lecture Notes*.

Three hours a week. First term. Seniors in Civil Engineering.

MR. DERICKSON

#### **B and S 45. Stresses in Framed Structures.**

The determination of dead loads, live panel loads, loading caused by wheel concentration; dead, live, initial impact, maximum and minimum stresses are taken up in relation to roofs and bridges. A problem taken from actual practice is solved at each recitation. In addition to the recitations each student is required to prepare a report

giving the loading and all stresses in an assigned railroad bridge truss. This report is used in Course B. and S. L48, Bridge Design, of the second term. Both graphic and analytical methods involving the use of influence lines are employed, one method being used to check the other.

Kirkham, *Structural Engineering*.

Four periods a week. First term. Seniors in Civil Engineering.

MR. DERICKSON

### **B and S L48. Bridge Design.**

A complete design is made of the curved top chord, pin connected railroad bridge begun in Course B. and S. 45. General drawings and an estimate of weight is required. Particular attention is paid to the modern methods of design.

Kirkham, *Structural Engineering*.

Five periods a week. Second term. Seniors in Civil Engineering

MR. DERICKSON

## **COMMERCIAL LAW (C L)**

PROFESSOR SCHWARZ.

### **C L 41, 42.**

The object of the course in Commercial Law is to expound and illustrate those phases of law which most frequently come home to the engineer. The course is not intended to make lawyers, but in it legal principles will be explained and illustrated so that those entering the engineering profession will be better able to decide matters of legal character. In addition to the knowledge of law itself, which will be of direct and immediate practical value, there should come from the discussion of legal doctrines a stimulated intellectual activity, and a clear and concise method of stating facts and discussing principles that will be generally helpful in business relations, and will be particularly so when the engineer is called upon to consult with his attorney in matters requiring expert opinion. With such objects in view, and with a desire to reach the larger subjects of interest and of value to the engineer, the course will comprehend a discussion of the leading principles of the following subjects: Contracts; Sales; Agency; Negotiable Instruments; Partnerships; Corporations; Carriers; and Bankruptcy.

Incidental topics in other branches of the law, and matters coming under special legislative acts, such, for instance, as the Employer's Liability Act, will be considered and explained.

Wednesday nights, from 8 to 9:45, at the Association of Commerce. Seniors in Civil Engineering and in Architecture.

**DRAWING AND DESIGN (D & D)**

PROFESSOR DERICKSON

MR. TETE

*Engineering Building.***D and D L11, L12. Mechanical Drawing.**

This course extends through both terms. It is intended for those who have had no previous experience in drafting.

The object of the course is to afford training, by instruction and practice, which will enable the student to make a neat, well-lettered tracing from a previously prepared working drawing, made in pencil to scale, of some form of engineering construction.

The student is required to provide himself with drafting instruments and other essential equipment.

French, *Engineering Drawing*.

Three periods a week. Both terms. All Engineering Freshmen.

MESSRS. DERICKSON AND TETE

**HYDRAULIC ENGINEERING (Hy. E).**

PROFESSOR GREGORY

PROFESSOR ROBERT

*Stanley Thomas Hall and Engineering Building.***Hy. E. 41 Hydraulics.**

The course in Hydraulics covers the fundamental theories of Hydrostatics and Hydromechanics. The subject-matter includes the flow of water through orifices, nozzles, weirs, pipes and channels. The fundamental theories of hydraulic motors are investigated. Numerous practical problems are solved by the student.

Merriman, *Hydraulics*.

Four hours a week. First term. Seniors in Civil and Mechanical and Electrical Engineering.

MR. ROBERT

**Hy. E 42. Irrigation and Drainage.**

This course combines the fundamental principles of Hydraulics with those of Civil and Mechanical Engineering in solving the problems of Irrigation and Drainage.

The meaning and extent of irrigation are investigated in their general application to arid countries. The introduction of irrigation into humid countries is studied and special attention is given to the problem of the irrigation of rice and of other crops grown in this locality. The amount of water required for different crops is discussed, as well as the best methods of applying water.

The problem of drainage is studied in its general application to irrigated lands, as well as in humid countries, and particular attention



is given to the local problem of draining the wet prairie lands of Louisiana and the Gulf Coast.

Both irrigation and drainage, as practiced in this section of the country, involve pumping plants capable of handling large volumes of water. The problems of the capacity and type of machinery used in pumping plants, the proper size and section of canals and ditches are taken up in concrete form and the first cost of machinery and of excavating canals investigated, in connection with the cost of maintenance to determine the design that will be most economical when all these factors are considered.

Wilson, *Irrigation Engineering*.

Elliott, *Engineering for Land Drainage*.

Three hours a week. Second term. Seniors in Civil Engineering.

MR. ROBERT

### Hydraulic Laboratory

The Hydraulic Laboratory is equipped with the following apparatus: Two centrifugal pumps, arranged with dynamometers for testing, Venturi meter, Pitot tubes, current meter, water meters of various makes and types, weirs, nozzles, injectors, hydraulic rams, centrifugal pumps, impulse wheels, and pipes for the study of the loss of head due to friction. Work involving the use of current meter and Pitot tube is sought outside the Laboratory in connection with tests of pumping plants. Current meter rating is a part of the regular work.

A tank at an elevation of 50 feet and of 50,000 gallons capacity is available for hydraulic experiments.

New apparatus is being added from time to time by purchase, by gifts and by the work of the mechanic in carrying out designs to fit our peculiar needs. The equipment is adequate for the needs of instruction. Considerable use is made of the apparatus in practical commercial testing, thus bringing the students in contact with the actual problems of engineering.

The experiments in the Hydraulic Laboratory are arranged with three purposes in view:

1. To demonstrate theory;
2. To obtain constants which, applied to theoretical conditions, will give practical results;
3. To furnish experience in handling the instruments and solving the problems of hydraulic engineering in accordance with the best methods.

Calibrations are made of altitude gages, nozzles, Venturi meter, weirs, water meters of various makes and current meters. In making

These calibrations, students become acquainted with the most approved methods of measuring water, and with the fundamental theories involved.

Efficiency tests are made of hydraulic rams, centrifugal pumps, pumping engines and impact water wheels.

For testing the hydraulic rams, means are provided for varying the supply head through a wide range. The two centrifugal pumps are provided with transmission dynamo-meters and other accessories for testing.

Experiments are made to determine the loss of head due to water flowing in pipes of various materials and of varying degree of roughness of interior surface.

Traverses are made of a pipe, using a Pitot tube to determine mean velocity and the shape of the velocity curve.

In addition to the work in the laboratory, commercial tests of power plants are often made by students under the direction of their instructors. Pumping plants are tested, involving the measurement of water by means of current meters or Pitot tube, as well as the measurement of power input and all other quantities required in a complete test of the plant.

---

### MUNICIPAL ENGINEERING (M. E).

PROFESSOR DERICKSON

MR. ———

*Engineering Building.*

#### **M E 42. Municipal Engineering.**

This course is devoted to three subjects: Roads, Streets and Pavements—Sewers and Sewage Disposal—Water Supply.

**Roads, Streets and Pavements:** Recitations and problems relating to their location and construction, with a study of the materials and methods employed.

**Sewers and Sewage Disposal:** The recitations take up the fundamental principles involved in the design of sewers and sewage disposal plants. Computations and plans are made for a sewerage and drainage system for a small town.

**Water Supply:** Recitations and problems taking up the sources of water supply, rainfall, evaporation, flow of streams, and the works for collecting, purifying and conveying water. Each student is assigned certain data from which he must prepare the drawings and make the computations for a water supply and distributing system for a small town.

Lecture Notes. Marston, *Sewers and Drains*; Byrne, *Modern Road Construction*.

Reference Books: Turneure and Russell, *Public Water Supply*; Folwell, *Sewerage*; Metcalf and Eddy, *American Sewerage Practice*, Vols. I, II and III; Merriman, *Civil Engineers Pocket Book*.

Four hours a week. Second term. Seniors in Civil Engineering.

MR. ———

### **ME L46. Engineering Design.**

This course is to test the ability of the student to make an independent design of some engineering structure, such as a reinforced concrete arch, or structure, involving the knowledge gained in the courses previously studied. Reports, drawings and estimates are required.

Four periods a week. Second term. Seniors in Civil Engineering.

MR. DERICKSON

## **RAILROAD ENGINEERING (R. R.)**

PROFESSOR DERICKSON

MR. ———

*Engineering Building.*

### **R R L30. Railroad Vacation Camp Survey.**

Not less than fifteen days are spent at the Camp of Practice near Gurley, East Feliciana Parish, Louisiana, where a rugged topography is available. A reconnaissance and preliminary survey are made and a map plotted from the data obtained. Projected locations are made on this map, a profile and estimate made for each, and a final location staked out in the field and its cross-sections obtained.

Twelve working days at the close of the second term. Juniors in Civil Engineering.

MESSRS DERICKSON and ———

### **R R L 32. Railroad Surveying.**

The recitations take up reconnaissance, preliminary and final location surveys. Problems on the circular and spiral curves, turnouts, connecting tracks and crossings, are solved in the class room and staked out in the field. (See also Courses R R L30 and R R L41).

Webb, *Railroad Construction*.

Three periods a week. Second term. Juniors in Civil Engineering.

MR. ———

### **R R L41. Railroad Mapping and Earthwork.**

A map is made from the data obtained on the Railroad Vacation Camp Survey. Projected locations are made on this map and a profile and estimate made. From the cross-sectioning notes obtained in camp, quantities are computed by different formulas and the Mass

Diagram applied in balancing cut and fill. The grades of the street of a town with rugged topography are adjusted and the earthwork computed.

Webb, *Railroad Construction*.

Lavis, *Railroad Location Surveys and Estimates*.

Three periods a week. First term. Seniors in Civil Engineering.

MR. ———

### SURVEYING (S)

PROFESSOR DERICKSON

MR. CRAIG

*Engineering Building.*

#### **S L20. Vacation Camp Topographical Survey.**

This work is carried on at the Camp of Practice in the hilly country near Gurley, East Feliciana Parish, Louisiana, and involves the topographical survey of a tract of land several square miles in extent, composed of a topography embracing a large variety of natural and artificial features. The work is under the direction of a student Chief Engineer, elected from the Junior Class. Special emphasis is placed on the taking of contours and other features not met with in the environs of the University. It is the aim of this course through long working hours to teach the student facility in the manipulation of instruments and instil that confidence which only comes from doing well an actual piece of work under practical conditions and in accordance with exacting requirements.

Twelve working days at the close of second term. Sophomores in Civil Engineering.

MESSRS. DERICKSON and CRAIG

#### **S L21. Plane Surveying.**

The recitations take up the more common instruments used in surveying, such as the compass, level and transit. The theory involved in the measurement of distance, angles, difference of elevation and area. The greater part of the time is devoted to exercises in the field intended to familiarize the student with the use of instruments and application of theory involving the use of the chain, tape, compass, level and transit as applied to the more elementary problems of plane surveying. A part of the time is devoted to the plotting of these problems on the drawing board. (See also Courses R R L30, S L31 and S L26).

Breed and Hosmer, *Principles and Practice of Surveying*, Vol. I.

Two periods a week. First term. Sophomores in Civil Engineering.

MR. ———

**S L23. } Elementary Surveying.**  
**S L24. }**

This course is for students who do not intend to take the advanced courses in Surveying offered by the School of Civil Engineering, but desire to familiarize themselves with the use of the engineer's level and transit in the solution of simple problems in Surveying.

Required of all students in the College of Technology except Civil Engineering students.

Breed and Hosmer, *Principles and Practice of Surveying*, Vol. I.

Two periods a week. First term; Sophomores in Chemical Engineering. Second term; Sophomores in Mechanical and Electrical Engineering.

MR. ———

**S L26. Higher Surveying and Astronomy.**

Instruction is given by means of lecture, recitation, and field practice, in the theory and use of the transit and stadia, plane-table, sextant and other instruments as well as in base line measurement, and triangulation relating to the survey of large areas including astronomical observations for latitude, longitude and time. About two-thirds of the time is devoted to exercises in the field.

Breed and Hosmer, *Principles and Practice of Surveying*, Vols. I-II.

Three periods a week. Second term. Sophomores in Civil Engineering.

MR. ———

**S L81. Topographical Drawing.**

The time devoted to this course is divided as follows: Lettering, topographical symbols, the plotting of a triangulation system by the method of coördinates, the plotting of the stadia notes with the protractor, the location of contours, the determination of areas and volumes involving the use of the planimeter, the subdivision of land, and the preparation of a topographical map based on notes and data obtained on the Sophomore Vacation Camp Survey.

Breed and Hosmer, *Principles and Practice of Surveying*, Vols. I-II.

Three periods a week. First term. Juniors in Civil Engineering

MESSRS. DERICKSON AND CRAIG

**Chemistry.** See Chem. 11, L11, 12, L12 and 21, pages 128 and 170

**Drawing and Design.** See D. and D. 22 and L22, page 140.

**Electrical Engineering.** See E. E. 32, L32, page 142.

**English.** See English, 11, 12, 21, 22, 32, page 129.

**Heat Engineering.** See H. E. L<sub>31</sub>, 32, page 145.

**History of Architecture and Ornament.** See A. and O. 21, page 181.

**Mathematics.** See Mathematics, 11, 12, 13, 14, 21, 22, 24, page 129.

**Mechanic Arts.** See M. A, 11, 12, L<sub>11</sub>, L<sub>12</sub>, page 149.

**Mechanics of Materials and Graphics.** See M & M 31, 32, L<sub>32</sub>, 33, page 148.

**Physical Training.** See page 130.

**Physics.** See Physics, 21, L<sub>21</sub>, 22, L<sub>22</sub>, 31, L<sub>31</sub>, page 132.

# SCHOOL OF CHEMICAL ENGINEERING

## GENERAL STATEMENT

The School of Chemical Engineering offers a four year course leading to the degree of Bachelor of Engineering in the **Chemical Engineering Course**. The purpose of this course is to give the student a fundamental knowledge of chemistry, and also sufficient of the principles of Mechanical and Electrical Engineering that he may be able to deal with the problems of design, construction, operation, and maintenance involved in manufacturing processes based on chemical principles. To this end the course provides a training in Inorganic, Analytical, Theoretical, Organic, and Industrial Chemistry, and such fundamental subjects in Mechanical Engineering as Mechanism and Drawing, Steam Engineering, Applied Mechanics, Machine Design and Construction.

The instruction in Industrial Chemistry includes lecture and laboratory courses, and emphasizes the chemical principles upon which the operation of chemical processes rests. Special attention is given to the methods of conducting the chemical and mechanical operations involved in such processes, thereby stressing the application of Chemistry in manufacturing processes, and giving the student an insight into the problems of Chemical Engineering.

The school also offers courses in graduate study leading to the degree of Chemical Engineer. Such courses are arranged by conferring with the Head of the School and the Deans of the College of Technology and the Faculty of Graduate Studies.

**Sugar Engineering.** On account of the local importance of the *Sugar Industry* special stress is laid upon this branch of Chemical Engineering.

## CHEMICAL ENGINEERING COURSE†

*Symbol		FRESHMAN YEAR		Term	
				I	II
Chem.	11	12	General Chemistry .....	3	3
Chem.	L 11	L 12	Gen. Chem. Lab. Qual. Anal. ....	2	2
D & D	L 11	L 12	Mechanical Drawing .....	3	3
English	11	12	Comp. and Rhet., Am. Lit. ....	3	3
Math.	11		Algebra .....	5	5
Math.	13	14	Plane Trig., Anal. Geom. ... }		
M A	11	12	Technical Instruction .....	1	1
M A	L 11	L 12	Carpentry and Pattern Making Exercises, Foundry .....	2	2
Phy. T	L 11	L 12	Physical Training .....	1	1
				—	—
				20	20

†Subject to proposed changes.

\*For significance of Symbols see page 138.

**SOPHOMORE YEAR**

			Term	
			I	II
Chem.	23	24	Qual. and Quant. Analy.....	2 2
Chem.	L 23	L 24	Qual. and Quant. Analy.....	3 5
English	21	22	Argumentat. Public Speaki'g	2 2
Math.	21	22	Anal. Geom., Diff. Calculus }	5 5
Math.		24	Integral Calculus.....	
Physics	21	22	Mechanics and Heat .....	3 3
Physics	L 21	L 22	Electricity, Sound and Light	2 2
S	L 23		Elementary Surveying .....	2
			—	—
			19	19

**JUNIOR YEAR**

Chem.	31	32	Organic Chemistry .....	3 3
Chem.	L 31	L 32	Organic Chem. Laboratory ..	2 3
Chem.	37	38	Chemical Seminar .....	1 1
D & D		L 34	Machine Design .....	2
E E		32	Applied Electricity .....	2
E E		L 32	Applied Electricity .....	1
H E	L 31		Experimental Engineering....	2
H E		32	Element. Thermodynamics...	3
M & M	31	32	Mech. of Mats. & Graphics...	4 3
M & M		L 32	Testing Materials .....	2
M & M	33		Analytical Mechanics.....	3
Physics	31		Electricity and Magnetism...	3
Physics	L 31		Electrical Measurements.....	2
			—	—
			20	20

**SENIOR YEAR**

Chem.	41	42	Industrial Chemistry .....	5 5
Chem.	L 41	L 42	Industrial Chem. Lab.....	5 5
Chem.	43	44	Physical Chemistry .....	3 3
Chem.		L 46	Electro-Chemistry.....	3
Chem.	47	48	Chemical Seminar .....	1 1
D & D		L 44	Evaporative Mach. Design...	3
H E	45		Steam Boilers .....	2
H E	47		Evaporative Machinery .....	3
			—	—
			19	20



## DEPARTMENTS

### CHEMISTRY (Chem.)

#### Department of General and Theoretical Chemistry.

ASSOCIATE PROFESSOR MOSELEY  
MR. NELSON

MR. SHALLENBERGER  
MR. EVANS  
MR. LOTHROP

*Richardson Chemistry Building.*

#### **Chem. 11, 12. General Chemistry.**

(See General Courses, page 128.)

#### **Chem. L11. General Chemistry Laboratory.**

(See General Courses, page 128.)

#### **Chem. 31, 32. Organic Chemistry.**

Three hours a week. Juniors in Chemical Engineering.

MR. WILLIAMSON

#### **Chem. L31, L32. Organic Chemistry Laboratory.**

Preparation and study of reactions of typical organic compounds.

Two periods a week. Juniors in Chemical Engineering.

MR. NELSON

#### **Chem. 43, 44. Physical Chemistry.**

A study of the laws of chemical combination; the properties of gases, liquids, solids; solutions; thermo-chemistry; electro-chemistry; chemical dynamics and statics.

Three hours a week. Seniors in Chemical Engineering

MR. MOSELEY

### LABORATORIES

The Laboratory of General Chemistry measures 38 by 87 feet, and accommodates two hundred and forty pupils in two sections. The outfit of apparatus is ample for the needs of the classes, and the store-room service is available at all times for replenishing broken articles. The reagents are conveniently arranged on desks and side shelves and the laboratory preparation room adjoins the main laboratory.

The Laboratory of Organic Chemistry measures 45 by 25 feet, and accommodates ninety-six pupils in two sections. Adjoining the main laboratory is an alcove for the combustion of organic compounds, provided with a sufficient number of combustion and Carius furnaces. Opposite the alcove is an enclosed room for steam distillation of ethereal solutions. An instructor's laboratory, a small quiz room, and two dark rooms are on the same floor.

The Laboratory of Physical Chemistry occupies two rooms which are sufficiently large for present needs. The apparatus in physical chemistry is well chosen and comprises, among other things, thermostats; stirrers; motors; vapor density apparatus of Victor Meyer, Dumas, and Hoffman; molecular weight apparatus of Beckman, Jones, Hite, McCoy, and Menzies; calorimeters of Parr, and Emerson, and for the study of heats of solution, neutralization, etc.; spectroscopes and gratings; Pulfrich, Abbe, and Zeiss immersion refractometers; polariscopes, Wheatstone bridges, induction coils, resistance boxes, conductivity vessels, standard cells, vessels for the study of electromotive force of cells; apparatus for the study of dielectric constants, etc.

### Department of Analytical Chemistry.

ASSOCIATE PROFESSOR MOSELEY

MR. EVANS

MR. SHALLENBERGER

MR. LOTHROP

*Richardson Chemistry Building.*

#### **Chem. L12. Elementary Qualitative Analysis.**

(See General Courses, page 128.)

#### **Chem. 23, L23. Qualitative Analysis.**

Continuation of Course L12. In this course a very thorough study is made of the principles underlying the operations of analysis. The laboratory work comprises the analysis of complex mixtures of soluble salts, the preparation of the solution for analysis, analysis of alloys and minerals, use of blowpipe and the spectroscope.

Stieglitz, *Elements of Qualitative Chemical Analysis*, Vol. 1.

A. A. Noyes, *Qualitative Chemical Analysis*.

Two hours lecture; three periods laboratory practice. First term. Sophomores in Chemical Engineering.

MESSRS. MOSELEY AND NELSON

#### **Chem. 24 L24. Quantitative Analysis.**

Continuation of the didactic work of Course 23, with special application to methods of quantitative analysis. The work of the laboratory is discussed in detail, and as each new determination is made, a more or less complete survey is taken of the various methods in use for the determination of that substance. Some practice is given in the methods of gas analysis and electro-analysis.

Foulk, *Notes on Quantitative Chemical Analysis*; *Handbook of Chemistry and Physics*; Professor's Notes, *Calculations of Analytical Chemistry*.

Two hours lecture; five periods laboratory practice. Second term. Sophomores in Chemical Engineering.

MESSRS. MOSELEY AND NELSON

### LABORATORIES

The Laboratory of General Chemistry in which the work in qualitative analysis is carried on has been described above.

The Laboratory of Quantitative Analysis accommodates forty-two pupils. It is supplied with all necessary desks, hoods, hot plates, drying ovens, and blast lamps. The balance room, supplied with Becker and Staudinger balances, is conveniently located.

The Laboratory of Gas Analysis contains two large soapstone top tables, with mercury trough. All the ordinary forms of Hempel and Orsat apparatus and nitrometers are available.

The Laboratory of Electro-Chemistry contains two tables, each equipped with switchboard, voltmeters, ammeters, and rheostats. Apparatus is available for electrolysis with stationary or with rotating electrodes. In addition to the direct and alternating lighting circuits, there is a battery of accumulators, an aluminium rectifier, dynamotor, lamp banks, coulometers, etc.

### Department of Industrial Chemistry.

PROFESSOR WILLIAMSON

MR. MORTHLAND

*Richardson Chemistry Building.*

Chem. 21. }  
Chem. 22. } Technology of Materials.

A course in the manufacture and properties of materials used in engineering construction and practice.

Two hours a week. First term. Sophomores in Civil Engineering.

Two hours a week. Second term. Sophomores in Mechanical and Electrical Engineering.

MR. WILLIAMSON

Chem. 37, 38. Chemical Seminar.

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. Juniors in Chemical Engineering.

MR. WILLIAMSON

Chem. 41, 42. Industrial Chemistry.

A course of lectures on the application of chemistry to the arts, supplemented by visits to factories. The course embraces the most important chemical industries, both inorganic and organic. The principles involved in evaporation, distillation, sublimation, fil-

tration, crystallization, calcination, refrigeration, use of fuels, and water purification are thoroughly discussed.

A study is made of the manufacture of acids, alkalies, chlorine, bleaching powder, fertilizers, cements, glass, ceramics, pigments, sulphates, cyanides, alcohols, illuminating gas, coal-tar derivatives, soap, glycerine, sugars, starch, explosives, paper, and other substances of minor importance. A study is also made of the chemistry of textile dyeing, dyestuffs, bleaching, fermentation processes, the tanning of leather, and the refining of oils (mineral, vegetable, and animal).

Noel-Deer, *Cane Sugar*. Thorpe, *Outlines of Industrial Chemistry*. Five hours a week. Seniors in Chemical Engineering.

MR. WILLIAMSON

#### **Chem. L41, L42. Industrial Chemistry Laboratory.**

Work in this laboratory consists of lectures and laboratory practice in technical analytical methods and manufacturing on a laboratory scale, supplemented by visits to factories.

Among the subjects studied are the following: Sugar Factory Methods and Products; Fermentation and Fermented Products; Textile Bleaching and Dyeing; Paints; Oils (vegetable, mineral, and animal); Soaps; Water for Sanitary and Technical Purposes; Gas: Fuels (gaseous, liquid, and solid); Iron and Steel; Agricultural Analysis (fertilizers, and soils); Building Materials (clays, limestones, cements, metals, and alloys); Assaying; Tanning.

Five periods a week. Seniors in Chemical Engineering.

Spencer, *Hand-book for Cane-Sugar Manufacturers*. Browne, *Hand-book of Sugar Analysis*. Stillman, *Engineering Chemistry*.

MESSRS. WILLIAMSON AND MORTHLAND

#### **Chem. L46. Electro-Chemistry.**

A short study of electrothermal and electrolytic industries. The laboratory exercises include practice in current measurement; the effects of concentration of electrolyte, materials of electrodes, temperature, and current density on electrolytic oxidations and reductions; efficiency of typical electro-chemical operations.

Three periods a week. Second term. Seniors in Chemical Engineering.

MESSRS. WILLIAMSON AND MORTHLAND

#### **Chem. 47, 48. Chemical Seminar.**

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. Seniors in Chemical Engineering.

MR. WILLIAMSON

**LABORATORIES**

The main Laboratory of Industrial Chemistry measures 36 by 57 feet, and has accommodations for forty-eight pupils in two sections. In addition to ordinary equipment, it contains calorimeters, crushers and mills, centrifugals, stirrers and evaporators, etc.

Near by is located the Assay Laboratory, equipped with gas-fired crucible, muffle, and scorifying furnaces; the Balance Room, the Polariscope Room, with Schmidt and Haensch instruments; the Water Analysis Laboratory with stills, colorimeters, etc.; the Gas Analysis Laboratory above referred to, and the Nitrogen Room.

The Laboratory of Electro-Chemistry has been mentioned above. In addition to the equipment there referred to, there is apparatus to study electrolytic reductions and oxidations, and electric furnaces.

---

**DRAWING AND DESIGN, (D. & D.)**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**D and D L44. Evaporative Machinery Design.**

This course deals with the design of effects, pans, heaters, bagasse furnaces, and includes the planning and construction of a sugar house to secure the most economical manufacture of its products, as well as convenience in its management. The processes of sugar manufacture and the arrangement of the apparatus and the connections to secure the most efficient results are carefully reviewed. Students vacuum pans or effects in accord with data.

Three periods a week. Second term. Seniors in Chemical Engineering.

---

**HEAT ENGINEERING, (H. E.)**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**H E 47. Evaporative Machinery.**

Recitations and lectures on the design of multiple effects, vacuum pans, bagasse burners, air pumps, systems of clarification, filtering, centrifugals, laying-out sugar houses, calculations of sizes of apparatus for 1000-ton house.

Creighton, *Steam Engine*; Abraham-Bayle, *Economy in the Sugar House*.

Three hours a week. First term. Seniors in Chemical Engineering.

- Drawing and Design.** See D. & D. L11, L12, L34, pages 159, 141.
- Electrical Engineering.** See E. E. 32, L32, page 142.
- English.** See English, 11, 12, 21, 22, page 129.
- Heat Engineering.** See H. E. L31, 32, 45, page 145.
- Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 129.
- Mechanic Arts.** See M. A. 11, 12; L11, L12, page 149.
- Mechanics of Materials and Graphics.** See M. & M. 31, 32, L32, 33, page 148.
- Physical Training.** See page 130.
- Physics.** See Physics, 21, 22, L21, L22; 31, L31, page 132.
- Surveying.** See S. L23, page 164.

# SCHOOL OF ARCHITECTURE

## GENERAL STATEMENT

A course in Architecture was established in the University in 1908. As there has been a growing demand for training in Architecture from the outset, the instructional force has been increased and a rearrangement of the courses of study effected.

This course, leading to the degree of Bachelor of Architecture, covers a period of four years. Special students who are not candidates for a degree will be admitted to study under certain restrictions which are elsewhere stated.

During the 1911-12 session the removal of the school was made to the new Stanley Thomas Hall, a fire-proof building, the top floor of which has been especially designed to facilitate the work in Architecture. The draughting rooms are large and unusually well lighted.

The equipment of the department consists of a good working library of books, a number of photographs and classified plates, a series of lantern slides of architectural subjects, selected casts for freehand drawing, a collection of working drawings from architects' offices and selected examples of architectural renderings of various sorts. This equipment is constantly being increased by donation and purchase.

Architecture is generally recognized as a fine art, and hence a wide sympathy with every form of culture is regarded as essential. The practice of the profession presents many aspects of an exacting and thoroughly scientific nature, and the training of the architect must combine those things which are useful with those that are purely ornamental. It is the aim of this school to train men with a view to the ultimate practice of their profession, and the course is designed so that a just relation and balance may be maintained between the practical and the aesthetic.

Precision in the technique of drawing is emphasized and in the treatment of the various fundamental problems of construction, carefulness and exactitude are demanded.

From many points of view, New Orleans offers exceptional advantages to the student of Architecture. The older section of the city contains numerous examples of fine old buildings of a period contemporary with the Colonial, generally in an excellent state of preservation and showing details of a high order of merit and worthy of careful study and imitation. Many buildings of the best type are

constantly in course of erection and offer interesting and instructive examples of modern construction and design. A well-known school of art has been maintained at the Sophie Newcomb College for many years, and the libraries and art galleries of the city are sources of inspiration to the student.

The School has the active support and cooperation of The Louisiana Chapter of The American Institute of Architects.

### ARCHITECTURAL COURSE†

*Symbol			FRESHMAN YEAR	Term	
				I	II
D & R	L 13	L 14	Freehand Drawing.....	2	2
D & R	L 15	L 16	Element. Instrumental Drawing.....	3	3
D & R	L 17	L 18	Architectural Graphics.....	2	2
English	11	12	Comp. and Rhetoric, Am. Lit. ....	3	3
French	11	12	Elementary Course.....	3	3
Math.	11		Algebra.....		
Math.	13	14	Plane Trig., Anal. Geom.....	5	5
Th. A.	11	12	El. of Design, Orders of Arch. ....	1	1
Phy. T	L 11	L 12	Physical Training.....	1	1
				20	20

### SOPHOMORE YEAR

A & O	21	22	Hist. of Arch. & Ornament.....	2	2
D & D		22	Descriptive Geometry.....		2
D & D		L 22	Descriptive Geom. Drawing.....		2
D & R	L 21	L 22	Cast Drawing.....	2	2
D & R	L 27	L 28	Intermed. Design and Rendering.....	6	6
English	23	24	English Literature.....	3	3
French	21	22	Intermediate Course.....	3	3
Math.	21	22	Anal. Geom., Diff. Calculus.....		
Math.		24	Integral Calculus.....	5	5
Physics	21	22	Mechanics and Heat.....	3	3
Physics	L 21	L 22	Electricity, Sound and Light.....	2	2
				26	30

\*For significance of Symbols see page 138.

†Subject to proposed changes.



**JUNIOR YEAR**

				Term	
				I	II
A & O	31	32	Hist. of Arch. & Ornament.....	2	2
D & R	L 31	L 32	Advanced Freehand Drawing.....	2	2
D & R	L 33	L 34	Water Color.....	2	2
D & R	L 35	L 36	Design and Rendering.....	8	8
D & R		L 38	Pen Rendering.....		2
D & R	L 39		Clay Modeling.....	2	
French	31	32	Advanced Course.....	3	3
H A	31	32	History of Painting.....	1	1
M & M	31	32	Mechanics of Materials, Graphics	4	3
Th. A	31	32	Theory and Composition.....	1	1
				—	—
				25	24

**SENIOR YEAR**

				Term	
				I	II
C & O P	41	42	Structural Design.....	3	3
C & O P	43	44	Specifications and Bldg. Materials	3	3
C L	41	42	Commercial Law.....	1	1
D & R	L 41	L 42	Life Class.....	2	2
D & R	L 43	L 44	Advanced Design and Thesis.....	10	10
D & R	L 47	L 48	Applied Arts Design.....	2	2
English	41	42	English Drama.....	3	3
H A	41	42	History of Painting.....	1	1
				—	—
				25	25

## DEPARTMENTS

### CONSTRUCTION AND OFFICE PRACTICE (C & O P)

ASSISTANT PROFESSOR BEIN

*Stanley Thomas Hall.*

#### C & O P 41, 42. Structural Design.

Theoretical discussion of the following topics and their practical applications: Foundations, masonry walls and footings, stability and external forces. Properties of structural shapes, tension, shearing, riveted joints, strength of columns in wood, cast iron, and steel, strength and stiffness of beams, built up sections, roof trusses in wood and steel, reinforced concrete, etc. Exercises in structural design are assigned and worked out, and scale drawings made on tracing cloth. The student is familiarized with the use of the various hand-books.

Three hours a week. Seniors in Architecture.

#### C & O P 43, 44. Specifications and Building Materials.

This course, which is mainly of a descriptive nature, supplements the course in Architectural Engineering. It includes the study of the nature of building materials and methods of manufacture, and the methods of applying these materials to the requirements of buildings. In addition, the preparation of quarter-inch scale and full size working drawings is carefully considered; specification writing, legal relations of the parties to a building contract and the various features of office practice are taken up. Such subjects as mason's work, carpenter's work, fireproofing, plumbing, hardware, etc., are considered in detail.

Kidder, *Building Construction and Superintendence, Parts 1 and 2.*

Martin, *Details of Building Construction.*

Three hours a week. Seniors in Architecture.

### DRAWING, DESIGN AND RENDERING (D & R)

ASSISTANT PROFESSOR BEIN

PROFESSOR W. WOODWARD

MR. ARMSTRONG

MR. GOLDSTEIN

MR. KOCH

*Stanley Thomas Hall*

#### D & R L13, L14. Drawing from the Cast.

A series of progressive exercises in pencil from casts in line and shade drawings, to impart skill of hand and a knowledge of the best forms in classic, mediæval, and renaissance art.

Two periods a week. Freshmen in Architecture.

MR. W. WOODWARD

**D & R L15, L16. Elementary Instrumental Drawing and Rendering.**

Elementary composition applied to the classic orders by means of line drawings and simple renderings in india ink and color.

Elementary shades and shadows, lettering, etc.

Three periods a week. Freshmen in Architecture.

MR. BEIN

**D & R L17, L18. Architectural Graphics.**

Intersections, development of surfaces, advanced shades and shadows and perspective.

Curtis, *Graphics*.

McGoodwin, *Shades and Shadows*.

Two periods a week. Freshmen in Architecture.

MR. BEIN

**D & R L21, L22. Cast Drawing.**

In this class the principles and methods are the same as those in D & R L13, L14. The human head and figure are the special subjects of study.

Two periods a week. Sophomores in Architecture.

MR. W. WOODWARD

**D & R L27, L28. Intermediate Design and Rendering.**

Study of the orders on a large scale by means of carefully composed frontispieces. Rendering of plans and elevations. Simple problems in design and the composition of the more fundamental elements of Roman architecture.

Six periods a week. Sophomores in Architecture.

MR. BEIN

**D & R L31, L32. Advanced Freehand Drawing.**

The study of interior perspective, and landscape in pencil or crayon.

Two periods a week. Juniors in Architecture.

MR. W. WOODWARD

**D & R L33, L34. Water Color.**

The study of color harmony by exercises in painting from still life and landscape, by criticism and by the examination of exhibitions.

Two periods a week. Juniors in Architecture.

MR. W. WOODWARD

**D & R L35, L36. Design and Rendering.**

Twelve hour sketch problems alternating with designs for buildings of a monumental character to which several weeks would be assigned.

Final programs are prepared which test the classified knowledge at the student's command and his ability in research. In the presentation of these designs carefully rendered plans, elevations, and sections are required. These are placed on exhibition and judged by a committee of architects.

Eight periods a week. Juniors in Architecture.

MESSRS. BEIN, KOCH, AND ARMSTRONG

**D & R L38. Pen Rendering.**

A course of weekly criticisms of problems in rendering architectural work in pen and ink.

Two periods a week. Second term. Juniors in Architecture.

MR. BEIN

**D & R L39. Clay Modeling.**

A course of modeling in clay to develop a comprehension of mass and the study of reliefs.

Two periods a week. First term. Juniors in Architecture.

MR. W. WOODWARD

**D & R L41, L42. Life Class.**

Study of the human figure, to develop the sense of proportion and balance, and to increase power in graphic expression.

Two periods a week. Seniors in Architecture.

MR. W. WOODWARD

**D & R L43. Advanced Design.**

Sketch problems, group planning, and the design of a building of an important character in various styles. A continuation and extension of D. & R. L35, L36. The finished drawings are mounted on stretchers and exhibited and judged.

Ten periods a week. First term. Seniors in Architecture.

MESSRS. BEIN, KOCH, AND ARMSTRONG

**D & R L44. Thesis.**

Making a complete presentation of a design with several working drawings for an important structure, accompanied by a written monograph.

Ten periods a week. Second term. Seniors in Architecture.

MESSRS. BEIN, KOCH, AND ARMSTRONG

**D & R L47, L48. Applied Arts Design.**

Designing for the arts of interior decoration, as fresco, mosaic, furniture, hangings, etc., including use of color, historic styles, and human figure.

Two periods a week. Seniors in Architecture.

MR. W. WOODWARD

**H A 41, 42. History of Painting.**

An outline of the history of painting in the Netherlands, Germany, England, and America. An abstract illustrated with prints is required.

One hour a week. Seniors in Architecture.

**THEORY OF ARCHITECTURE (Th. A).**

ASSISTANT PROFESSOR BEIN

*Stanley Thomas Hall*

**Th. A. 11, 12 Elements of Design—Orders of Architecture.**

Elements of design, mouldings, the five orders, intercolumniation superposition, vaults, arches, arcades, wall treatment, etc.

Ware, *American Vignola, Parts 1 and 2.*

Lectures, one hour a week. Freshmen in Architecture.

**Th. A 31, 32. Theory and Composition.**

Lectures and criticism—General and technical laws of character in art. Theoretical discussions of decoration and planning. Practical applications to the design of various types of buildings.

One hour a week. Juniors in Architecture.

These lectures are supplemented by individual daily criticisms over the drawing board of the programs assigned for study and presentation in the Department of Drawing and Design. Practicing architects in the city are invited to assist in these criticisms from time to time.

**Commercial Law.** See C. L. 41, 42, page 158.

**Drawing and Design.** See D. & D. 22, L 22, page 140.

**English.** See English, 11, 12, 23, 24, 41, 42, page 129.

**Mathematics.** See Math. 11, 13, 14, 21, 22, 24, page 129.

**Mechanics of Materials and Graphics.** See M. & M. 31, 32, page 148.

**Physical Training.** See page 130.

**Physics.** See Physics, 21, L 21, 22, L 22, page 132.

## GENERAL INFORMATION

### FEES AND EXPENSES

The annual tuition fee in this College for all students not holding scholarships is \$100.

Each student is required to pay a registration fee of \$15.00, a gymnasium-athletic fee of \$10.00; and students working in laboratories are charged an annual fee of \$15.00 for each laboratory used by them.

Students taking Chemical Laboratory courses must deposit a fee of \$5.00 to cover cost of breakage.

The gymnasium-athletic fee of \$10.00 provides the use of the gymnasium, services of the Physical Director, and a season ticket to all major athletic events on the home grounds. Students excused from physical training, through prior credit, or for other reasons, shall not be excused from the payment of this fee. The fee is devoted exclusively to salaries of instructors, administration, and up-keep of the Gymnasium. No part of this fee goes towards the expenses of games or entertainments.

A medical attendance fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

These fees are payable in advance in two equal installments, one-half at the beginning of each Term, except the Medical Attendance fee of \$5, the Library fee of \$5, and the Gymnasium-Athletic fee of \$10, and the Chemical Laboratory breakage deposit of \$5, which are paid at the time of registering.

*A delayed registration fee of two dollars will be charged students entering during the week after the appointed Registration Days in September and January. Students entering later will be charged a delayed registration fee of four dollars.*

A fee of \$5, to cover expenses of graduation, diploma, etc., is charged to each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement. The amount is refunded should the degree not be conferred.

No deduction of fees is made for absence for less than a month. When the absence exceeds a month and the student has been with-

drawn from the college because of continued sickness or other sufficient cause, a proportionate part of the amount paid will be refunded, on proper certificate signed by the Dean. Any application for return of tuition must be made within sixty days after the withdrawal of the student.

Students furnish their own books, drawing instruments, and drawing materials. They are required to pay the cost of apparatus which they may break or damage in the laboratories; they must also make good any other damage which they may cause to the University property.

Students may reside in the Dormitories, at about \$25 per month, not including mid-day lunch, which may be obtained at the Dining Hall, *a la carte*, at about \$6 per month, or obtain board and lodging at from \$30 to \$35 per month in boarding houses or private families at convenient distance from the University buildings.

Students in the School of Civil Engineering are required to attend the *Camp of Practice* exercises of two weeks at the end of the second term of the Sophomore and Junior years. A fee of \$7.50 for each two weeks course is charged. The railroad fare and board may cost from eighteen to twenty dollars more.

The necessary expenses of a student are moderate; the spacious dormitories and the dining hall on the University grounds make possible comfortable, dignified living at a minimum cost.

The estimated expenses for a session are :

	MINI- MUM	MODER- ATE
Tuition fee.....	\$100.00	\$100.00
Registration fee.....	15.00	15.00
Gymnasium-Athletic fee.....	10.00	10.00
Board and lodging, including heat and lights.....	200.00	280.00
Laundry.....	15.00	15.00
Books and stationery.....	20.00	25.00
Laboratory fees.....	15.00	30.00
Medical Attendance fee.....	5.00	5.00
Total.....	\$380.00	\$480.00

Students holding scholarships will deduct \$100 from the above total.

Students in the School of Civil Engineering will correct the above estimates for the Sophomore and Junior years for the expenses of the Camp of Practice.

## **H. SOPHIE NEWCOMB MEMORIAL COLLEGE**

### **FACULTY—1918-1919**

**ALBERT BLEDSOE DLNWIDDIE, A. M., Ph. D.,** President of the University.

**ROBERT SHARP, A. M., Ph. D.,** President, *Emeritus*.

**BRANDT VAN BLARCOM DIXON, A. M., LL. D.,** President of Newcomb College and Professor of Philosophy.

**FREDERICK WESPY, Ph. D.,** Professor of German, *Emeritus*.

**ELLSWORTH WOODWARD,** Professor of Drawing, Painting, and Design, and Director of School of Art.

**GERTRUDE ROBERTS SMITH,** Professor of Water-Color Painting and Decoration of Textiles.

**MARY LEAL HARKNESS, Ph. D.,** Professor of Latin.

**CLARA GREGORY BAER,** Professor of Physical Education.

**MARY CASS SPENCER, M. Sc.,** Professor of Mathematics.

**MARY GIVEN SHEERER,** Professor of Pottery and China Decoration, and Assistant Director of Pottery.

**JAMES ADAIR LYON, A. M., D. Sc.,** Professor of Physics.

**WILLIAM WOODWARD,** Professor of Drawing and Painting.

**PIERCE BUTLER, Ph. D.,** Professor of English.

**SUSAN DINSMORE TEW, Ph. D.,** Professor of Greek.

**ANN HERO NORTHRUP, A. M.,** Professor of Chemistry.

**LEON RYDER MAXWELL, A. M.,** Professor of Voice and Composition, and Director of School of Music.

**GIUSEPPE FERRATA, Mus. Doc.,** Professor of Piano and Composition.

**JOHN MADISON FLETCHER, Ph. D.,** Professor of Experimental and Clinical Psychology.

**HARRIET AMELIA BOYER,** Professor of Domestic Science.

**LILLIAN SHELLEY,** Professor of Domestic Art.

**JAMES EDWARD WINSTON, M. A. Ph. D.,** Professor of History and Economics.

**IMOGEN STONE, A. M.,** Associate Professor of English.

**IRENE AGNES McCULLOCH, Ph. D.,** Associate Professor of Biology.

**LIONEL CHARLES DUREL, A. M.,** Associate Professor of French.

**AMELIE ROMAN,** Assistant Professor of Drawing and Design.

**CAROLINE FRANCIS RICHARDSON, A. M.,** Assistant Professor of English.



- LOTA LEE TROY, Assistant Professor of Art.  
ADELIN FLAM SPENCER, A. M., Assistant Professor of Chemistry and Geology.  
DAGNY SUNNE, Ph. D., Assistant Professor of Psychology.  
LYDIA ELIZABETH FROTSCHER, A. M., Assistant Professor in English.  
MARY WILLIAMS BUTLER, Instructor in Drawing and Design.  
FELIPE FERNANDEZ, A. B., Instructor in Spanish.  
ALICE WEDDELL, Instructor in Piano.  
HENRY DRUEDING, Instructor in Organ.  
ELEANOR ELMIRE REAMES, Ph. D., Instructor in Physics.  
WALTER LOUIS GOLDSTEIN, A. B., Instructor in Harmony and Piano.  
OTTO FINCK, Instructor in Violoncello.  
ANITA GONZALES ROESCHNEIDER, Instructor in Piano.  
†ERNEST EMILE SCHUYTEN, Instructor in Violin.  
ESTHER FINLAY HARVEY, A. B., and Instructor in Library Work, and Librarian.  
LILLIAN FLORENCE PARKER, Instructor in Public School Music.  
VIRGINIA REESE WITHERS, A. B., Instructor in French.  
ANNIE MIRIAM WOOD, Instructor in Domestic Science.  
†HAZEL ELIZABETH FIELD, M. S., Instructor in Biology.  
LILLIE RICHARDSON, A. M., Instructor in History.  
PORTIA PEARCE RANDOLPH, B. A., Instructor in Domestic Art.  
ROSA JACKSON BAXTER, A. M., Instructor in Education.  
CLARA DEL VALLE, Instructor in Voice, and Accompanist.  
CUTHBERT BUCKNER, Instructor in Voice.  
†GLADYS GERTRUDE RITCHIE, B. Des., Instructor in Drawing.  
†CAROLINE SPELMAN WOGAN, A. B., B. Des., Instructor in Art.  
FREDERICR WALRATH, B. S., Acting Instructor in Ceramic Chemistry.  
VIOLA MURPHY ALLEE, A. M., Assistant in Mathematics.  
LOUISE MARIE DeBLANC, Substitute Teacher in French.  
ELIZABETH MAY McFETRIDGE, A. M., Instructor in English.  
MARY CLAYTON SUMNER, A. B., Teaching Fellow in Psychology.  
MARY RAYMOND, A. B., Teaching Fellow in Biology.  
MARY ISABEL LUND, A. B., Teaching Fellow in Latin,  
KATHARINE KOPMAN, Supervisor of Art Practice.  
ISABELLA STIRLING SNODGRASS, A. B., Supervisor of Musical Practice.

---

ELEANOR McMAIN, Lecturer in Economics and Sociology.

†Resigned.

**COMMITTEES OF THE FACULTY**

The President is *ex-officio* member of all committees.

**Committee on Admission and Advanced Standing:** Professors Lyon and Tew.

**Committee on Library:** Professors Butler, Lyon, Smith, Tew, Harvey, Fletcher.

**Committee on Course of Study and Electives:** Professors Butler, M. C. Spencer, Northrup, Lyon, Harkness, E. Woodward.

**Committee on Student Entertainment:** Professors Lyon, Northrup.

**Committee on Book Store.** Professors Lyon, Butler, Tew.

**Committee on Athletics:** Professors Baer, Frotscher.

**Committee on Publications:** Professors Richardson, Butler.

**Committee on Scholarship Grades:** Professors Frotscher, Stone, Northrup, Boyer, Reames, Troy, Harvey, Withers.

---

**REQUIREMENTS FOR ADMISSION**

(See page 45).

---

**THE COLLEGE**

The H. Sophie Newcomb Memorial College was founded in 1886 by Mrs. Josephine Louise Newcomb, as a memorial to her daughter, and is devoted to the higher education of young women.

In 1886, Mrs. Josephine Louise Newcomb, whose husband, Warren Newcomb, was formerly a highly esteemed sugar merchant of New Orleans, donated to the Tulane Educational Fund "the sum of \$100,000, to be used in establishing the H. Sophie Newcomb Memorial College, in the Tulane University of Louisiana, for the higher education of white girls and young women." In thus perpetuating the memory of an only child, Mrs. Newcomb enabled the Tulane Administrators to round out the ideal of a university by the creation of an institution that would give to women all the educational advantages which had before been offered only to men.

The Newcomb College was a matter of the greatest personal interest to Mrs. Newcomb to the time of her death. She added largely to her original endowment, and enabled the Board to build the handsome group of buildings in which the College is now domiciled. By her will, the University was made her residuary legatee, and has received an additional bequest of about \$2,700,000.

The college was organized in October 1887. The building at first occupied was situated on the corner of DeLord Street (now Howard Avenue) and Camp Street; but in 1891 the college was removed to Washington Avenue, Camp and Chestnut Streets, where it remained until June, 1918. The growth of the institution, however, has made it necessary to move a second time, and to erect buildings suitable to present demands, and, so far as possible, adapted to future requirements.

The buildings now completed and occupied are:

1) The Administration Building in which the exercises of the college are mainly conducted. It contains the various laboratories and class rooms for academic work, as well as the offices of administration, library and assembly hall.

2) The Art Building in which are offered every facility for the study and practice of industrial and fine arts, a picture gallery, and an art library. In this also are placed the various crafts, pottery, embroidery, metal work, jewelry, bookbinding, etc. Here also the classes in domestic art, dressmaking and millinery, are located.

3) The Residence Building has accommodation for about 200 students, together with the refectory and a special lunch room in the basement for day students.

4) The School of Music is at present accommodated in the three houses Nos. 43, 57 and 61 Audubon Place.

5) The building No. 1101 Broadway has been fitted up and will be used for a Recreation House.

The removal to the new site, it is believed, marks the beginning of a new and greater expansion of Newcomb College. The three buildings already completed must be followed in due course by others in order to keep pace with the need for better facilities and more ample accommodation. The plan as already outlined requires that there shall be added to form a harmonious group, an Assembly Hall, a Library, a Music Building, a Gymnasium, a Science or Laboratory Building and a special building for home economics. Also from present indications, additional Residence Buildings must shortly be added.

## **GENERAL INFORMATION**

---

### **SESSION**

The College will open October 1, 1919, and regular work will begin immediately. Session will close June 9, 1920.

*Any student registering later than the date set for registration (September 29 and 30) will be charged an additional fee of one dollar.*

The College Residence will be open to receive students September 23. Students arriving earlier will be provided for, but will be charged for board at the rate of one dollar a day.

Parents and students are reminded of the necessity of beginning the session promptly and of completing it fully. Much difficulty is occasioned by the late arrival and early departure of students, and they are warned that without full attendance they will not be able to maintain their grade.

### **CORRESPONDENCE**

---

Address all business communications to The Registrar, H. Sophie Newcomb Memorial College, New Orleans, La.

### **SCHEDULE OF EXAMINATIONS**

ENTRANCE AND CONDITION EXAMINATIONS will be held as follows:

WEDNESDAY, SEPTEMBER 24, Mathematics 9:00 a. m.; Music 1:00 p. m.

THURSDAY, SEPTEMBER 25, History, Greek 9:00 a. m.; Sciences 1:00 p. m.

FRIDAY, SEPTEMBER 26, Latin, 9:00 a. m.; French 1:00 p. m.

SATURDAY, SEPTEMBER 27, English 9:00 a. m.

Applicants for scholarships open to competition, and conditioned students must present themselves for examination at the college on the dates given above.

Copies of entrance examination questions will be furnished on application to the Registrar.

### **EXAMINATIONS IN ART**

---

Credentials for entering regular Art Classes must be presented to the Director of the School of Art not later than September 23.

New candidates for a higher grade and students with conditions should present themselves Wednesday, September 24, to Saturday 27, at 9:00 a. m.

### EXAMINATIONS IN MUSIC

Entrance examinations for women will be held at Newcomb College.

Male applicants for admission to regular courses will present their certificates for work done in preparatory schools and take all examinations (except Music) at the College of Arts and Sciences of Tulane University from Monday, Sept. 22, to Saturday, Sept. 27.

Examinations in Music are held at the School of Music.

### ENTRANCE CONDITIONS

1. Students admitted to partial standing in the Freshman class may remove their entrance conditions:

(a) by passing entrance examinations in the necessary subjects, provided such examinations are passed within one year after admission to the College;

(b) by equivalent credits received from the Summer School, or by the certificate of an instructor approved by the College showing satisfactory completion of the required work.

2. In entrance examinations the student will be required to make a grade of 70 per cent.

3. A student entering three weeks or more after the opening of the term will be required to give evidence that she has covered the work missed in class, or to stand an examination; in this examination she must make a grade of 75.

4. A student who is admitted to college classes provisionally without certificate, and whose certificate is not received within thirty days, will be required to stand examination for entrance, or else to withdraw.

5. *Entrance conditions must be removed before the opening of the second college year. No student will be permitted to register for any subject of her second year until her entrance conditions are removed.*

### Accredited Instructors.

6. Those desiring to become regularly accredited instructors should make application in writing to the Admission Committee of the College, stating the subject or subjects in which the applicant desires to give instruction.

This application will then be passed upon by the head of each department concerned. If approved, the applicant will be notified that his or her certificate will be accepted for the removal of *entrance conditions*. If not approved, the applicant will be notified accordingly.

Upon recommendation of the head of the department concerned, privilege of certification may be withdrawn, if the work of an instructor is found unsatisfactory.

### COLLEGE CONDITIONS

1. For promotion, students are required to attain a general average of 70 per cent in class work and examinations. In determining this percentage the mark for work done in class is doubled, the examination mark is added, and one third of the sum thus obtained is taken. Students whose daily work has not been satisfactory will, therefore, need a higher mark in examinations to secure promotion.

2. A student whose general average for the term in any subject falls between 55 and 70 per cent is conditioned in that subject. A student whose grade falls below 55 per cent in any subject will be considered as having failed, and will be required to take the subject over in class, or to take the work under an approved instructor and pass an examination given by the college.

3. A student conditioned in any subject shall have two re-examinations and no more. If unsuccessful in these she shall be considered as having failed. A student who has failed shall not be eligible for re examination, except as stated above. To pass in an examination for removing conditions or failures, the student must make an average of 75.

4. A student failing in both re-examinations will take the subject over and reduce the number of hours in the course of study in proportion.

5. Examinations to remove conditions acquired at the mid-year examinations will be held (1) in the following April or May, (2) in the following September, at the time of the regular entrance examinations. Examinations to remove conditions acquired at the final examination period will be held (1) in the following September, (2) in the following December or January.

6. Due notice of examinations to remove conditions will be given on the bulletin board; and students must take advantage of the earliest opportunity to remove their conditions. *The summer vacation should be devoted to work preparatory to condition examinations, as deficient students will not be permitted to carry extra work during term time.*

7. A condition in a half year of any subject will count as one condition; for example, a student failing to pass in any subject at the mid-year and at the final examinations will have two conditions.

8. A Freshman having four or more conditions at the end of the first term will be required to withdraw from the College when formally notified by the Committee on Advanced Standing.

9. Any Freshman whose work is not satisfactory within the first month after entrance may then be required to pass an examination upon her preparation, at the discretion of the instructor.

10. A student whose class work is distinctly below grade and unsatisfactory may be excluded from any class by the faculty upon recommendation of the instructor.

11. A student conditioned in any subject will not be allowed to proceed to a more advanced class in that subject until the condition is removed; except that a student conditioned at the half-year examinations may proceed with the class, and take the condition examination in April or May; if she fails in this she may take the examination in September. A student conditioned at the final examinations will take the examination in September, and in case of failure, again in December or January.

12. A student of a higher class having five or more conditions at the end of the first term, will be required to drop back at once to the next lower class, and will not be permitted to take any additional work in the higher class.

13. Seniors failing in any subject the first term will have two opportunities for removing the condition. The first re-examination will be held within a month after the beginning of the second term; the second re-examination, at the close of the second term. Seniors failing in any subject in the second term will have one re-examination and no more.

14. No condition examination will be given Seniors after the Saturday before Commencement.

15. A Senior who fails to pass for graduation with her class shall have the privilege of standing her examination at the opening of the next session, and, if successful, will receive her degree at that time.

16. A student having two conditions may still register as a regular student with her class. A student having more than two conditions will be registered in a lower class until her conditions are reduced to two.

17. A student who has three conditions, will be required to omit one subject in the regular course. A student who has more than three and less than six conditions, will be required to omit two subjects in the regular course. The subjects to be omitted will be specified by the Chairman of the Committee on Course of Study.

18. *A student having six conditions at the beginning of the session will be required to take the class over in all subjects.*

19. Conditions, whether due to failure in work, or to absence, must be made up within a year or the subject repeated in class.

20. A student absent from any examination, for any cause, will be counted as conditioned.

21. A student desiring a special examination, for any reason, may make written application to the Registrar for a special examination, stating her reason. This application will be acted upon by a special committee. If the reason given by the student seem sufficient, the Registrar will notify the proper instructor, who will, as early as may be convenient, give a special examination, for which a fee of two dollars shall be paid the Registrar. Proper blanks for the application will be supplied by the Registrar.

22. A fee of two dollars will be charged for the first special examination, and one dollar for each additional examination in the same group.

23. All candidates for graduation must remove conditions incurred in any previous year not later than January 15th of the year in which they expect to graduate.

24. Students having more than one condition, students taking less than three subjects, and students who are delinquent in payment of tuition or other fees (see page 193), are not eligible as class officers, as editors or sub-editors of college publications, as officers of any literary or debating club, as members of the Glee Club (except students of Voice in the School of Music), or as members of a college or class basket ball team.

---

## REPORTS

At the close of each term, the parent or guardian of each student will be furnished a report upon class standing. At the close of each half term, a report will be furnished in regard to any student whose work is below grade.

---

## FEES AND EXPENSES

The college year is divided into two terms. The First Term begins Wednesday, October 1, 1919; the Second Term begins Monday, February 2, 1920.

All charges are payable strictly in advance.

At the time of entrance the student is required to pay the Registration Fee, Student Fee, Tuition, and other fees for the current term, and if residing in the residence, will also be required to pay the Incidental Fee, Infirmary Fee, and the charge for board for the current term. The charges for the Second Term are due and payable at the beginning of the term February 2, 1920.



**NOTE.**—*In case the student does not register on one of the regular days set apart for registration as announced in the calendar, an additional charge of \$1.00 will be made for late registration.*

No reduction in the charge for Tuition or Board will be made for a student entering during the first month of the term. If entering any time during the second month the charge will be  $\frac{3}{4}$  of the regular charge; and if entering at any time after the beginning of the third month the charge will be  $\frac{2}{3}$  of the regular charge.

In case of withdrawal from college or from dormitory at any time during the first two months of the term a refund of  $\frac{1}{2}$  of the regular charge for board and tuition will be made. In case of withdrawal at any time during the third month, a refund of  $\frac{1}{4}$  of the regular charge will be made. No refund will be allowed for withdrawal after the beginning of the fourth month of the term. No allowances will be made for absence during the term for any cause.

No claim for refund will be allowed unless made within 60 days after date of withdrawal from college or after any other cause for claim.

Each student residing in dormitory shall, at the time of entrance make a deposit of \$10.00 Incidental Fee to cover possible breakage or incidental expense. The unexpended balance will be refunded to the student at the end of the session.

An alumna, or a student taking a regular course in any department of the college, may take instruction in Voice, Piano or other instrument at the charges indicated for regular students.

A student taking only instruction in Voice, Piano or other instrument is not required to pay a registration fee.

A student beginning Voice, Piano or other instrument after the beginning of the term will be charged a pro rata rate per lesson for the number of lessons that can be taken during the balance of the term.

The charges for Voice, Piano, or other instrument are based on 17 lessons per term taken one a week, and 34 lessons per term taken two a week.

Fees for private instruction in theoretical courses and in courses for teachers may be learned upon application to the Director of the School of Music.

With the exception of practical music and household economy, an alumna of the college may take any single study in the school from which she graduated without payment of tuition. She will be required to pay registration and other fees.

No student will be admitted to any term unless all previous charges have been paid in full.

	College	School of Art	School of House- hold Econ- omy	School of Music
<b>Registration Fee</b> { .....	\$10.00	\$10.00	\$10.00	\$10.00
<b>Student Fee</b> { .....	5.00	5.00	5.00	5.00
<b> tuition—per term:</b>				
1 hour course .....				8.00
2 hour course .....				15.00
3 hour course .....				20.00
1 subject .....	22.50	22.50	22.50	
2 subjects .....	40.00	40.00	40.00	
3 subjects .....	55.00	55.00	55.00	
Full course leading to di- ploma or degree .....	67.50	67.50	67.50	55.00
Mechanical Bookbinding .....		15.00		
<b>Regular students, Major or Minor Instrument, 2 lessons a week, 34 les- sons to a term—</b>				
Piano .....				{ 27.00, 40.00 53.00, 65.00
Voice .....				40.00, 65.00
Organ .....				40.00
Violin .....				27.00, 40.00
Violoncello or other Orchestral Instrument .....				32.00
<b>Minor Instrument, 1 les- son a week, 17 lessons to a term—</b>				
Piano .....				{ 14.00, 21.00 27.00, 33.00
Voice .....				21.00, 33.00
Organ .....				21.00
Violin .....				14.00, 21.00
Violoncello, etc. ....				17.00
<b>Special students, 2 les- sons a week, 34 lessons to a term—</b>				
Piano .....				{ 33.00, 50.00 67.00, 80.00
Voice .....				50.00, 80.00
Organ .....				50.00
Violin .....				33.00, 50.00
Violoncello, etc. ....				40.00

	College	School of Art	School of House- hold Econ- omy	School of Music
<b>1 lesson a week, 17 les- sons to a term—</b>				
Piano.....				17.00, 25.50 34.00, 42.50
Voice.....				25.50, 42.50
Organ.....				25.50
Violin.....				17.00, 25.50
Violoncello, etc.....				20.00
Pianoforte Sight Playing....				10.00
Song Repertoire and In- terpretation.....				10.00
Ensemble (except chorus).....				8.00
Recital Class.....				2.50
Single Recital.....				.25
Use of Organ, 1 hour daily.....				8.00
Use of Piano, 1 hour daily..				6.00
Each additional hour.....				5.00
<b>Laboratory fees:</b>				
Domestic Science Supplies..	3.00†	3.00†	8.00	3.00†
Domestic Science Supplies Homemakers' Course.....			5.00	
Studio Fee, Art.....	1.50†	1.50	1.50	
Experimental Pottery.....		1.50†		
China Painting.....		1.00†		
Figure Drawing.....		1.50†		
Methods Fee, Art.....		1.00†		
Metal Work Fee.....	1.00†	1.00†		
Bookbinding Fee.....	2.00†	2.00†		
<b>Board, per term.....</b>	150.00	150.00	150.00	150.00
<b>Infirmery Fee, per term....</b>	5.00	5.00	5.00	5.00
<b>Incidental Fee ‡.....</b>	10.00	10.00	10.00	10.00

‡ Payable once a year on entering. Students taking less than three studies will be charged five dollars registration fee and no student fee.

Students taking practical music only will be exempt from registration and contingent fees.

† Payable only if these courses are taken.

‡ Payable only by students using metal work studio outside class hours.

## NEWCOMB COLLEGE

The purpose of the College is to foster the intellectual life in any way that may seem to be most helpful and promising for the maintenance of a high standard of culture and social usefulness. Instruction is offered first, therefore, in what are commonly called arts and sciences; and a course of instruction in these subjects, leading to the degree of Bachelor of Arts, represents the first and most general purpose of Newcomb College. But the College should meet the needs of the community, if possible, by more careful preparation for the specific demands of modern life; it should in as many ways as possible endeavor to equip young women for effective service to society.

Therefore, it has added to the academic instruction, which is the central part of its work, special instruction in schools devoted to the training of students for particular vocations.

### Degrees, Diplomas, Certificates

The regular course of the College, covering four years, when satisfactorily completed leads to the degree of Bachelor of Arts.

A course of four years in studies specially grouped for the needs of those wishing training as teachers, leads to the degree of Bachelor of Arts in Education.

The regular course of the School of Art, four years, leads to the degree of Bachelor of Design. In addition, the School of Art offers diplomas for teachers of art, upon completion of a course covering two years, and special certificates for proficiency in other courses.

The regular course of the School of Music, four years, leads to the degree of Bachelor of Music. In addition, the School of Music offers diplomas similar to those of the School of Art.

The School of Household Economy offers diplomas similar to those of the School of Art.

*Attention is especially called to the following regulation:* Applicants for diploma or certificate, or students who have taken only a partial course, and are desirous of making up their deficiency and receiving a degree or diploma in a regular course, are required to give notice in writing, through the Registrar of the College, not later than the beginning of the second term of the year in which the certificate or diploma is to be conferred. The application will be referred to the Committee on Advanced Standing, who will report to the faculty.

### COLLEGE COURSES

The courses of study extend over four years and lead to the degree of Bachelor of Arts. The minimum requirement is five subjects per year (exclusive of physical training) of not less than three hours each. The election of a subject rated at more than three hours shall not reduce the number of subjects required. The course leading to this degree, therefore, requires that the candidate show from  $62\frac{1}{4}$  to  $66\frac{1}{4}$  "hours," according to subjects elected. Every student is required to devote two hours a week in each year to physical education, and satisfactory completion of the course is essential to good standing.

A college subject in which there is one recitation a week through the college year is the unit for estimating "hours;" such a subject is rated at one "hour;" and a college subject in which there are three recitations a week through the year will count as three hours. In the tabulated statement of the course of study below, and in the description of courses on later pages, the credit allowed each subject is indicated.

Every candidate for the degree must satisfactorily complete courses allowing not less than six hours in English, three in Mathematics, three in History, three in Philosophy, five (or eight, if but one unit in these subjects has been accepted for entrance) in laboratory Science, nine in Foreign Language, and one-half hour in library work. The particular courses required in these subjects are indicated below.

The course of study in the first two years permits of a limited election among certain subjects; in the last two years a wider election is permitted.

All students must confer with a member of the faculty in the election of their studies. Freshmen will confer with the Chairman of the Committee on Course of Study; other students will confer with the instructor in charge of their major study; and all courses of study must be submitted by the student for the approval of the Committee on Course of Study. No Freshman subject may be elected in the Senior year. A student who begins a language in college must continue it for two years; and no student will be allowed to elect for college credit in the same year more than one foreign language in which she has no preparation. No student will be regarded as properly registered for any subject unless her course has been approved by the Committee.

Special rules for the guidance of students in electing their courses may be found in the *General Rules of the College*, of which a copy

will be furnished to each student. For description of courses see *Courses of Instruction*, page 211.

### Elective Courses of the Junior and Senior Years

In the Junior year the student will select a major subject in which she will take courses amounting to not less than six nor more than twelve hours during the Junior and Senior years. With the advice of the instructor in her major, she will select a minor subject of not less than three hours, which may be taken in either Junior or Senior year.

Major subjects with their related minors are indicated in the following groups:

I. Latin, Greek or French as major, with another language, or with History, or with English as minor.

II. History as major, with Economics, Sociology, English or a language as minor.

III. Psychology as major, with Economics, Mathematics, Physics, Chemistry or Biology as minor.

IV. English as major, with History, Latin, Greek or French as minor.

V. Mathematics as major, with Physics, Chemistry, Astronomy, Geology, Economics, Psychology, Greek or Latin as minor.

VI. Physics or Chemistry as major, with another science, Mathematics or Psychology as minor.

VII. Biology as major, with another science, Mathematics, Psychology or Art (drawing) as a minor.

VIII. Music as major (courses in theory, see directions under *School of Music*) with Mathematics, History, English or language as minor.

### Courses of Study by Classes

FRESHMAN REQUIRED			SOPHOMORE REQUIRED	
		HOURS		HOURS
English A1 (1)		3	English B5	3
Latin	} one major and one minor (2)	3	Minor Language (2)	3
Greek			History (4)	3
French		3	Physics A B1	} 5
Mathematics		3	Chemistry A B1	
History (4)			Biology A B2	
Chemistry A B1	} (3) elect one	5	Major Language	} 3
Physics A B1			Mathematics	
Biology A B2			or	
Library, ½ year		½	Science	

JUNIOR REQUIRED	HOURS	SENIOR REQUIRED	HOURS
Major Subject	3	Major Subject	3
Philosophy C1	3	Minor Subject (5)	3
Electives	9	Electives	9

(1) A student showing deficiency in her class work in any Freshman study will be required to take an additional hour of class work, at the direction of the instructor, until her work is satisfactory.

(2) Those who elect a beginning language must continue it through the Sophomore year. A student may in the Sophomore or in the Junior year substitute another subject for the language offered as major for entrance. A student may in the Junior year substitute another subject for the language offered as minor for entrance. That is, the student must show hours not less than three in the major, not less than six in the minor language. A student who has satisfied the requirement of nine hours in languages may substitute a suitable elective at any time.

(3) A student offering one unit for entrance in either Physics or Chemistry will elect the science not offered. A student who has offered one unit in Physics (or in Chemistry) for entrance will satisfy the science requirement for the A. B. degree upon completing A B1 Chemistry (or Physics) and one additional course of three hours in Science. A student who has offered both Physics and Chemistry for entrance will be required to elect one five hour course from the group, Biology, Chemistry, Physics. The course A B1 Chemistry (or Physics) may be taken in the Freshman or in the Sophomore year.

(4) Students who offer Ancient History for entrance will elect English History A3-4, those who offer English History will elect Ancient History. A1 or A2. A student may, with the consent of the instructor, elect in the Freshman year a course in History to satisfy the requirement in History; in this case, she may, in the Sophomore year, elect a course in Mathematics continuing the work of the Freshman year, or a course in applied science, or a course in History other than the one specified.

(5) The minor subject may be taken in either Junior or Senior year.

### **COURSES LEADING TO THE DEGREE OF BACHELOR OF ARTS IN EDUCATION**

Courses in Education are offered in which certain required studies in Psychology and Education are taken in connection with groups of Electives chosen from the special branches in which the student desires to fit herself for teaching. A diploma is awarded for a full two year course; and the diploma in such cases will show the particular subjects in which the student has specialized. A full four year course leads to the degree of Bachelor of Arts in Education. The requirements in this course, as in the Bachelor of Arts course, are stated in "hours," one hour being allowed for successful completion of a course in which there is one recitation a week, three hours for a course in which there are three recitations a week through the college year.

The value of each study, expressed in hours, is given in the tables below, and under *Courses of Instruction*. The number of hours necessary to secure the diploma or the degree will, of course, vary somewhat with the electives chosen. All courses must be approved by the Committee on Course of Study.

All candidates for the diploma or the degree must satisfy the requirements in physical training, two hours a week in each year.

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
English A1	3	History of Education B1	3
Library A1	$\frac{1}{2}$	Introductory and Genetic	
Physical Training		Psychology B1-2	3
Electives (see below)		Physical Training	
		Electives (see below).	

At the satisfactory completion of the Sophomore year a diploma will be given, indicating the course pursued; or the student may continue her work for two more years, as outlined below, with the aim of securing the degree of A. B. in Education.

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
English	3	Principles of Teaching CD2	3
French or Spanish	3	Education D3	2
Mathematics, Science, History or Economics	3	French or Spanish	3
Physical Training		Physical Training	
Electives (see below).		Electives (see below).	

Students pursuing the course given above may elect the subjects in which they wish special preparation as teachers, and for their guidance the courses to be pursued are outlined below. The student may pursue her work in: (1) Academic Subjects, (2) Art, (3) Music, (4) Household Economy, (5) Art and Music, (6) Physical Training.

#### **Students Electing Academic Subjects.**

A student electing academic subjects will consult the Committee on Course of Study for determination of the details of her course. She will require four courses, allowing three hours each, in the Freshman year, and three in the Sophomore year, or vice versa; and she will be required to elect her studies in the first two years according to one of the following plans:

(a) At least two courses (six hours) in the language offered for entrance; if two languages have been offered, she may continue either the major or the minor language.

(b) At least one course (three hours) in Mathematics, and one additional course (five hours) in Physics, Chemistry, or Biology.



No course will be regarded as properly registered unless approved by the Committee.

To secure the certificate at the end of two years the student must show a minimum of 30½ hours (34½ if her elections have included two laboratory science courses rated at 5 hours each), 9½ of which are in the required studies above, the remainder being elective. For graduation with the degree, she must show 32 additional hours, 17 of which are in the required studies above, the remainder being elective.

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies	3½	Required Studies	6
Electives (1)	12	Electives	9
JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies	9	Required Studies	8
Electives	6	Electives	9

(1) The student may take three electives, allowing 9 hours, in the Freshman year, making up the remainder of 12 hours in the Sophomore year; or she may make 12 hours in the Freshman year, leaving 9 for the Sophomore.

### STUDENTS OF ART WILL TAKE\*

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 199)	3½	Required Studies (see p. 199)	6
Cast Drawing A S 5	2	Cast Drawing B S 5	2
Freehand Perspective A S 4	2	Freehand Perspective B S 4	2
Water Color A S 6	2	Water Color B C D S 6	1
Design A S 8	2	Design B S 8	2
Mechanical Drawing A S 10	1	Projection and Mechanical Perspective each ½ yr. BS 10	1
		English or History	3
JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies (see p. 199)	9	Required Studies (see p. 199)	8
Drawing from Life C D S 9	1	Drawing from Life C D S 9	1
Education S 28	1	Water Color B C D S 6	1
History of Painting C S 14	1	Design D S 8	1
Water Color B C D S 6	1	History of Painting D S 14	1
Design C S 8	1	Composition S 11	1
Silversmithing S 16	} elect two.... 2	Education S 29	1
China Painting S 22		Aesthetics D 9*	1
Embroidery S 23		Silversmithing S 16	} elect one.. 1
Pottery Making S 18		China Painting S 22	
		Pottery Making S 18	
		Embroidery S 23	

\* Students electing this course must have had High School Drawing or show by examination satisfactory aptitude for the art elective.

\*\* See courses in Psychology.

**STUDENTS OF MUSIC WILL TAKE**

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
English A1.....	3	History of Education B1.....	3
Library A1.....	½	Introductory and Genetic Psychology B1-2.....	3
Physical Training		Physical Training	
Elements of Theory A 1		Advanced Harmony B C 2....	3
½ year.....	1	Solfeggio, Intermediate B 10	2
Physics A 8 ½ year.....	½	History of Music B S 7.....	2
Elementary Harmony A 12		Methods in Public School Music B C D 9.....	3
½ year.....	1½	Recital Class S 28 (2).....	½
Solfeggio, Elementary A 3		Chorus S 27 (2).....	½
(2).....	2½	Practical Music, extra (1) 1 or 2	
Appreciation of Music A S 8	2		
Observation of Classes in Public Schools A 29; Descriptive Themes.....	1		
Recital Class S 28 (2).....	½		
Chorus S 27 (2).....	½		
Practical Music, extra (1) 1 or 2			

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
English.....	3	Principles of Teaching C D 2..	3
French or Spanish.....	3	Education D 3.....	2
Mathematics, Science, History or Economics.....	3	French or Spanish.....	3
Physical Training		Physical Training	
Counterpoint C D 4.....	3	Instrumentation and Conducting D 14.....	2
Solfeggio, Advanced C 13.....	1	Analysis D 15.....	1
Recital Class S 28 (2).....	½	Methods in Public School Music, Advanced D 16.....	1
Chorus S 27 (2).....	½	Recital Class S 28 (2).....	½
Practical Music, extra (1) 1 or 2		Chorus S 27 (2).....	½
		Thesis.....	1
		Practical Music, extra (1) 1 or 2	

**NOTES.**

(1) Voice and piano recommended, but other instruments may be chosen. Attention is called, however, to graduation requirement of ability to sing and play the piano acceptably. Fees according to teacher chosen at rate for regular students.

(2) No outside preparation required when students are up to grade.

**STUDENTS OF HOUSEHOLD ECONOMY WILL TAKE: (1)**

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 199)	3½	Required Studies (see p. 199)	6
Chemistry A 2.....	3	Art B 2.....	2
Art A 2.....	2	Domestic Science B 2.....	3
Domestic Science A 1.....	3	Domestic Art B 2.....	3
Domestic Art A 1.....	3	Domestic Science Teaching, B 3.....	1
		Domestic Art Teaching, B 3	1
		Biology AB 1.....	3

JUNIOR YEAR	HOURS	SENIOR YEAR	HOURS
Required Studies (see p. 199)	9	Required Studies (see p. 199)	8
For Students Specializing in Domestic Science:		For Students Specializing in Domestic Science:	
Domestic Science C 4.....	3	Domestic Science D 5.....	5
Chemistry of Nutrition C 5..	3	Art D 2 (2).....	2
For Students Specializing in Domestic Art:		For Students Specializing in Domestic Art:	
Domestic Art C 4, 5, 6, 7.....	4	Domestic Art D 9, 10, 11, 12..	5
Art C 2.....	3	Art D 2.....	3

(1) Students wishing to take only one, not both, of the subjects in household economics, may elect a suitable subject as a substitute with the consent of the Committee on Course of Study.

(2) Students in Domestic Science are required to take the regular course in Art (A B 2) in the Freshman and Sophomore years, and one additional course in Art, either Art C 2 or Art D 2. The course in Art for students in Domestic Science allows two credits.

**STUDENTS WISHING TO COMBINE COURSES IN ART AND MUSIC WILL TAKE**

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Required Studies (see p. 199)	3½	Required Studies (see p. 199)	6
English A 1.....	3	History of Education B 1.....	3
Library A 1.....	½	Introductory and Genetic Psychology B 1-2.....	3
Physical Training Form Study AS 3 { ½ year } Picture Study AS 12 { each } ½		Physical Training Education S 28.....	1
Water Color A S 6.....	1	Water Color B S 6.....	1
Design A S 8.....	1	Design B S 8.....	1
Cast Drawing A S 5.....	1	Projection B S 10 ½ year... }	
Elements of Theory A 1 } ½ year.....		Cast Drawing B S 5 ½ year.. }	1
Physics A 8 ½ year.....	3	Methods in Public School Music B C D 9.....	3
Elementary Harmony A 12 } ½ year.....		Appreciation of Music A S 8..	2
Solfeggio, Elementary A 3.....	2½	Chorus S 27.....	½

JUNIOR YEAR		SENIOR YEAR	
	HOURS		HOURS
Required Studies (see p. 199)	9	Required Studies (see p. 199)	8
English .....	3	Principles of Teaching CD 2	3
French or Spanish .....	3	Education D 3.....	2
Mathematics, Science, History or Economics .....	3	French or Spanish.....	3
Physical Training		Physical Training	
Water Col. B C D S 6 { ½ year }	1	Life Drawing C D S 9.....	1
Plant Forms S 31.... { each }	1	Water Color A S 6.....	1
Perspective A S 4.....	1	Design C S 8.....	1
History of Painting D S 14....	1	Education S 29.....	1
Advanced Harmony B C 2....	3	Analysis D 15.....	1
Chorus S 27.....	½	Methods in Public School	
		Music, Advanced D 16.....	1
		History of Music B S 7.....	2
		History of Painting D S 14..	1

### STUDENTS IN TRAINING COURSE FOR TEACHERS IN PHYSICAL EDUCATION WILL TAKE

FRESHMAN YEAR		SOPHOMORE YEAR	
	HOURS		HOURS
Required Studies (see p. 199)	3½	Required Studies (see p. 199)	6
Biology A B 1.....	3	Physics	5
Kinesiology A 9.....	3	Biology or Chemistry	
History of Physical Education A 10.....	1	Physiology of Exercise B 12	3
Theory of Teaching with Observation of Classes A 11	1½	first term	
One elective (1) .....	3	Theory of Corrective Gymnastics B 13	
		second term	
		Expression B 15.....	1
		One elective (1).....	3

JUNIOR YEAR		SENIOR YEAR	
	HOURS		HOURS
Required Studies (see p. 199)	9	Required Studies (see p. 199)	8
Medical Gymnastics C 18.....	3	Medical Gymnastics D 19.....	3
Expression C 16.....	1	Problems in Physical Education D 21.....	1
General Kinesiology C 17.....	1	Anthropometry D 22.....	1
One elective (1) .....	3	Expression D 20.....	1

(1) The elective must be approved by the Chairman of the Committee on Course of Study. It should be a subject not directly related to the work in physical education, but helpful in broadening the culture of the student, such as History, Mathematics, a language, or Art A B 8. If Art or a language in which less than three units have been accepted for entrance be elected, the subject must be continued two years.

## COURSES OF STUDY LEADING TO THE DEGREE OF BACHELOR OF MUSIC

The course leading to the degree of Bachelor of Music is intended for students who desire the basic training required for thorough musicianship. The course of study is planned for four years and requires the satisfactory completion of 60 college hours, exclusive of physical training, in which all students must take 2 hours a week each year.

Soon after entrance the natural musical ability of each student will be tested by a committee of the faculty and she will be advised concerning the probabilities of future success in the musical profession.

A candidate for graduation must show technical proficiency in one branch of practical music, the study of which has been pursued through at least four years; must be able to play accompaniments of medium difficulty on the pianoforte; must have satisfactorily completed all the required musical and academic subjects in the prescribed course of study; must give evidence of a fair reading knowledge of one modern language other than English; and must have pursued for two years certain studies chosen with the expectation of future specialization in teaching, composing, concert performance, or work in musical criticism and the literature of music.

Before graduation each candidate for the degree will be expected to give a public recital, or to present a satisfactory original composition for voices and orchestra or an original essay representing careful investigation of a musical topic chosen at the beginning of the Senior year after consultation with the Director of the School of Music.

Credit toward the degree will be given for all work of equivalent grade in other colleges and reputable schools of music, but examinations in each subject may be demanded at the discretion of the instructor. No degree will be granted except after at least two years of residence.

FRESHMAN YEAR	HOURS	SOPHOMORE YEAR	HOURS
Major Instrument (1) .....	2	Major Instrument (1) .....	2
Elements of Theory A 1 ½		Advanced Harmony BC2 .....	3
year .....	1	Solfeggio, Intermediate B 10 .....	2
Physics A8 ½ year .....	½	History of Music BS 7 .....	2
Elementary Harmony A 12		Ensemble S 27 (4) .....	½
½ year .....	1 ½	Recital Class S 28 (2) .....	½
Solfeggio, Elementary A3 (2) .....	2 ½	English B5 .....	3
Appreciation of Music AS 8 .....	2	French A2, AB3, or BC5 .....	3
Recital Class S 28 (2) .....	½	Minor Instrument (possible	
English A1 .....	3	extra) (6) .....	1 or 2
French A1, A2, or AB3 .....	3		
Minor Instrument (possible			
extra) (6) .....	1 or 2		

JUNIOR YEAR		SENIOR YEAR	
	HOURS		HOURS
Major Instrument (1).....	3	Major Instrument (1).....	3
Counterpoint C D 4.....	3	Canon and Fugue D 5	} 2
Special Studies in History of Music CD 11 (5).....	3	Free Composition D 6	
Solfeggio, Advanced C 13....	1	Instrumentation and Conducting D 14.....	
Ensemble S 27 (4).....	½	Analysis D 15.....	1
Recital Class S 28 (2).....	½	Ensemble S 27 (4).....	½
Electives.....		Recital Class S 28 (2).....	½
Major Instrument (3).....	I or 2	Thesis or Graduating Recital	2
Minor Instrument (6).....	I or 2	Electives.....	
Practice Teaching (7).....	1	Major Instrument (3).....	I or 2
Normal Course in Teaching		Minor Instrument (6).....	I or 2
Major Instrument (7).....	½	Canon and Fugue (13).....	2
Psychology BCD 1-2 (7).....	3	Free Composition (13).....	2
History of Art (8).....	1	Instrumentation (13).....	2
English (9).....	3	Special Studies in History of Music (11).....	3
French.....	3	Pianoforte Sight-Playing (12).....	1
Italian CD1 (10).....	3	Pianoforte Repertoire and Interpretation.....	1
History B5-6 (11).....	3	Song Repertoire and Interpretation (10).....	1
Methods in Public School Music BCD 9.....	3	Practice Teaching (7).....	1
		Normal Course in Teaching	
		Major Instrument.....	½
		Choir Training.....	1
		Gregorian Music.....	1
		Psychology D9.....	1
		History of Art (8).....	1
		English (9).....	3
		French.....	3
		Italian CD2 (10).....	3
		History (9).....	3
		Methods in Public School	
		Musical BCD 9.....	3

## NOTES.

(1) Pianoforte, Voice, Organ, Violin, Violoncello, or other Orchestral Instruments. Private lessons, two half-hour periods. At least two hours of daily practice recommended. Fee according to teacher chosen. (For fees for regular students, see page 193).

(2) No outside preparation required when students are up to grade.

(3) Students intending to prepare for concert performance may receive credit for additional work in the major instrument. If two recital programs are prepared and rendered, two hours will be granted. If one recital program is prepared and rendered, one hour will be granted.

(4) Students are assigned to proper ensemble class by instructor of major instrument. If no such assignment be made because of technical deficiency or other reason, each student will be required to attend regularly the rehearsals of the University Chorus.

(5) Seminar plan.

(6) Attention is called to graduation requirement of ability to play piano accompaniments of medium difficulty. Additional fee for this elective.

(7) Required of all students intending to teach.

(8) Recommended to all music students as elective in either Junior or Senior year.

(9) Choice of course to be made after consultation with head of department and with the Director of the School of Music.

(10) Required of students with Voice as major instrument.

(11) Required of students intending to specialize in musical criticism and the literature of music.

(12) Required of all students with Pianoforte as major instrument.

(13) Students desiring to specialize in composition may elect any or all of these courses.

### BACHELOR OF DESIGN

The following is an outline of work preparing for the practice of art as a profession.

#### FRESHMAN YEAR

##### HOURS

Elementary Design AS8.....2

Cast Drawing AS5.....2

Freehand Perspective AS4....2

Elementary Water Color AS6...2

Pictorial Composition S11...½

Mechanical Drawing AS10...1

Picture Study AS12.....1

English A1.....3

#### SOPHOMORE YEAR

##### HOURS

Cast drawing BS5.....2

Freehand Perspective BS4....2

Theoretical Design BS8.....2

Water Color BS4.....2

Pictorial Composition S11....1

Orthographic Projection

BS10 half year.....½

Mathematical Perspective

BS10 half year.....½

French or Spanish (1).....3

Hist. Sculpture BS13.....1

\*Electives .....1

*Silversmithing and Jewelry* S16

*Embroidery* S 23 .....

*Pottery Decoration* S 17 .....

*Pottery Making* S 18 .....

*Book-binding* S 26 .....

*Life Drawing* CDS 9 .....

*Water Color* BS 4 .....

**JUNIOR YEAR****HOURS**

Life Drawing CDS9.....	2
Oil Painting CDS7.....	2
Pictorial Composition S11....	1
Design CS8.....	2
History of Painting CS14....	1
French or Spanish (1).....	3
Electives (2).....	3
Pottery Decoration S 17 .....	
Pottery Making S 18.....	
Embroidery S 23.....	
China Painting S 22.....	
Silversmithing and Jewelry S16	
Book-binding S 26 .....	
Education CS 28.....	
Figure Drawing S 27 .....	
Drafting S 35 .....	
Int. Decoration S 32.....	

**SENIOR YEAR****HOURS**

Life Drawing CDS9.....	2
Oil Painting CDS17 or Water Color BDS6 .....	2
Design DS8 .....	2
Pictorial Composition S11....	1
History of Painting DS15 ....	1
Figure Drawing S27.....	1
(3) Aesthetics D9** .....	1
Thesis on Art .....	1/2
Psychology BCD 1* ....	2 1/2
Electives (4) .....	3
Pottery Decoration S 17 .....	
Pottery Making S 18 .....	
Embroidery S 23.....	
China Painting S 22.....	
Silversmithing and Jewelry S16	
Book-binding S 26.....	
Education DS 29.....	
Figure Drawing S 27.....	
Art Criticism S 34.....	
Int. Decoration S 32 .....	

Graduates of regular four-year courses in Art are given free tuition for continued study in Art for a period of two years.

(1) Students showing a good reading knowledge, to be tested by the instructor, may substitute an academic study approved by the Committee on Course of Study. It should be noted that a student who has been given credit for entrance units in a language must enter a class of proper grade in college if she takes that language.

(2) Two Art-Crafts must be elected, three hours given to each.

(3) See Courses in Psychology.

(4) In the Senior year one Craft may be elected, double time being given.

**GRADUATE COURSES**

Students desiring to continue their work after graduation, with a view to a higher degree, will find full courses of study given in the special Bulletin of the Graduate Department of the University.

Graduate students who return for post-graduate work in any department, are entitled, free of charge, to one undergraduate study in another department.

**ADVANCED STANDING**

An applicant for admission to classes above Freshman entrance grade must submit her credentials or certificates to the Committee on Advanced Standing at least two weeks before the opening of the col-



lege. If the certificates are not so submitted, the student will for her registration delayed.

Certificates for college work will not be accepted unless given by colleges recognized as of equal standing.

An applicant for admission may have an examination to determine her right to advanced standing, if desired. She will be examined on the work required for admission and also on that accomplished by the class.

An examination for advanced standing will be permitted only in case the applicant furnishes evidence that formal study, under instruction satisfactory to the college, and for a period of time deemed sufficient, has been had in the subjects in which examination is asked.

A grade of 75 per cent will be required to obtain credit in this examination.

### SPECIAL STUDENTS—SPECIAL COURSES

1. A student admitted to special courses (*except in Practical Music*) in Newcomb College, must be *twenty years old* and fully qualified for admission to the classes desired. She must furnish a certificate showing preparation for these classes or pass an examination over the preparatory requirement. Such students will be classified as "special" students. A student fully prepared for freshman entrance but not wishing to pursue one of the regular courses, may enter such freshman classes as she is prepared for, and is classed as a Partial Course Student. No student in the College will be permitted to take less than three courses, (the equivalent of nine hours). Exception to this regulation will be made only for mature students, and each such exception will be carefully considered on its merits. A student in the residence is required to take not less than twelve hours per week.

2. A special student will be required to take all examinations in her respective classes.

3. A student registered in Art, Music or Household Economy will be admitted to classes in the College, only if filling entrance requirements in the course desired. [See (1) above].

4. Students, not less than sixteen years of age, may be admitted to practical or studio classes in Art or Music, but will not be admitted to classes of college standing; for practical requirements, see bulletins of Art and Music. Such students are not received as residents of the college dormitory, except as provided on page 194.

## COURSES OF INSTRUCTION

*Courses without an asterisk run throughout the year; one asterisk indicates that the course runs for first term only; a double asterisk indicates that the course runs for second term only. The letters B, C, D, S, G, designate respectively: Freshman, Sophomore, Junior, Senior, Special and Graduate Classes.*

---

### ART

PROFESSOR E. WOODWARD

PROFESSOR W. WOODWARD

PROFESSOR SMITH

PROFESSOR SHEERER

ASSISTANT PROFESSOR ROMAN

ASSISTANT PROFESSOR TROY

INSTRUCTOR BUTLER

Since its organization, this college has recognized that the study of art should be considered an important factor in a system of liberal education. This study has, therefore, been offered as an elective with other college studies in Junior and Senior years, and may be permitted as an extra in Freshman and Sophomore years.

In the college classes, technical skill is considered secondary to the development of artistic culture and the formation of taste. Studio work is therefore, accompanied by the history of art and the analysis and explanation of works of art.

For courses offered as electives or as extras in the College see page 246.

---

### BIOLOGY

ASSOCIATE PROFESSOR McCULLOCH

INSTRUCTOR FIELD

The courses in Biology have been arranged to meet the needs of the several groups of students: (1) Sophomore students in the School of Household Economy are required to take course 1. (2) Students specializing in physical education are required to take course 1 in their Freshman year. (3) Students electing Biology to fulfill the requirements in Science for the Sophomore year for the B. A. degree, will take course 2 or course 3. (4) Premedical students should take courses 2, 7, 8 and such other courses as time permits. (5) Students electing Biology as a major should elect course 2 in their Freshman year and courses 3, 4, 7 and 8 during the next three years. (6) For a practical knowledge of Biology, course 1 should be elected; as a basis for work in the social sciences, courses 5 and 6.

**AB1. General Biology and Physiology.**

Lectures two hours, laboratory one 3-hour period. Three hours credit.

An outline of the fundamental facts and principles relating to the structure and activities of living organisms, both plants and animals, with special reference to the bearing of biology upon human life. In the second term human physiology will be emphasized. The laboratory work consists of a study of a series of selected forms, both plants and animals, together with some work in general physiology.

**AB2. General Zoology.**

Lectures, two hours, recitation, one hour, laboratory, two 2-hour periods. Five hours credit.

Introduction to the facts and principles of animal biology with special reference to their structure, function and evolution. The laboratory work consists of the study of a series of invertebrates, amphioxus, shark and frog.

**BC3. General Botany.**

Lectures, two hours, laboratory, three 2-hour periods. Five hours credit.

An introduction to the study of plant forms by the study of representative forms of the several phyla beginning with the primitive forms and ending with the flowering plants.

**CD4. Physiology.**

Lectures, two hours, laboratory, one 3-hour period. Three hours credit.

A study of human physiology with emphasis on digestion, metabolism, internal secretion and the nervous system. Laboratory work includes experiments with nerve-muscle preparations, digestion of foods, circulation and respiration, based upon a brief study of the structure of each system.

Prerequisite: Courses 1 or 2.

**BCD 5-6. Heredity and Evolution.**

Lectures, two hours, recitation, one hour, reference work and term papers. Three hours credit.

The first half-year deals with the facts of heredity, the cellular basis of heredity, Mendelian inheritance and the bearing of heredity on social problems. Second half-year, discussion of the theories of evolution.

**BCD 7.\* Comparative Anatomy of Vertebrates.**

Lecture, one hour, laboratory, two 3-hour periods. One hour and a half credit.

Lectures on the comparative anatomy of vertebrates from the embryological point of view. Laboratory work consists of comparative study of the skeleton followed by the dissection of the reptile, bird, and mammal.

Prerequisite: Course 2.

**BCD 8. Embryology.**

Lecture, one hour, laboratory, two 3-hour periods. Three hours credit.

Lectures on general and human embryology with emphasis on the latter. Laboratory work consists of a detailed study of chick and pig.

Prerequisites: Course 2. In 1919-1920 this together with other material will constitute a year course.

**DG 9-10. Protozoology and Parasitology.**

Hours and credit to be arranged to meet the needs of the students.

In the first half-year the relation of protozoa to disease, their structure and life history will be emphasized.

The work of the second half-year is a discussion and study of the animal parasites of man and domestic animals.

Prerequisites: Course 1 and 2 or their equivalent, together with other adequate training in Zoology.

**Marine Zoology.**

Two scholarships are awarded each summer at the Marine Biological Laboratory, Wood's Hole, Mass., where students may take courses in Marine Zoology.

---

**CHEMISTRY**

PROFESSOR NORTHRUP

ASSISTANT PROFESSOR SPENCER

**AB 1. General Chemistry.**

Five periods a week. Lectures, three hours; laboratory, two periods (two hours each). Five hours credit. Required of students not offering a unit in Chemistry for entrance.

This course is designed to give in the light of modern theories a thorough knowledge of the principles of chemical action as illustrated by the non-metals and the more important metals.

MRS. NORTHRUP

**A 2. Household Chemistry.**

Three periods a week. Lectures, two hours; laboratory, one period (two hours). Three hours credit. Required of all regular students in Domestic Science. This course considers some of the most important parts of food chemistry, such as the proteins, carbohydrates, fats, baking powders, fermentations, etc., and is preceded by a study of such portions of inorganic and elementary organic chemistry as are essential to an understanding of food composition. Some time is also given to water, fuels and illuminants.

MISS SPENCER

**BC 3. Analytical Chemistry.**

Five periods a week. Lectures, three hours; laboratory, two periods (two hours each). Five hours credit. Designed for students who have completed A B 1 or who have presented a unit in Chemistry for entrance.

This course includes a review and development of the principles of general chemistry; lectures on elementary physical chemistry as applied to solutions; and laboratory work in qualitative analysis interpreted from the standpoint of modern theory.

MRS. NORTHRUP

**CD 4. Organic Chemistry.**

Three periods a week. Lectures, two hours; laboratory, one period (three hours). Three hours credit. Prerequisite, B C 3.

Lectures and recitations on the characteristic reactions of the various classes of the derivatives of the hydrocarbons, with special emphasis on their physiological bearing in plant and animal life.

MRS. NORTHRUP

**C 5. Nutrition.**

Three periods a weeks. Lectures, two hours; laboratory, one period (three hours). Three hours credit.

This course is required of students taking the Domestic Science elective in the course leading to B. A. in Education.

A study of the chemistry of digestion and metabolism and also of the nutritive requirements of the body, thus giving a scientific basis for the work in dietaries.

This course is preceded by such portions of organic chemistry as are most essential to an understanding of nutrition.

The laboratory work is partly organic chemistry and partly experiments on digestion.

MISS SPENCER.

**CD 6.\* Quantitative Analysis.**

Three periods a week. Lecture, one hour; laboratory, two periods (two hours each). One and a half hours credit. Prerequisite, BC 3.

MRS. NORTHRUP

**CD 7.\*\* Advanced Chemistry: Organic or Inorganic according to preparation and election.**

Three periods a week. Lecture, one hour; laboratory, two periods (two hours each). One and a half hours credit. Prerequisite, CD 6.

MRS. NORTHRUP

---

**EDUCATION**

For offerings in this subject, see announcements under Psychology and Education, page 238.

---

**ENGLISH**

PROFESSOR BUTLER

ASSISTANT PROFESSOR RICHARDSON

ASSOCIATE PROFESSOR STONE

ASSISTANT PROFESSOR FROTSCHER

MISS MCFETRIDGE

The courses in English are designed to afford the student training in (1) ability to express thought with clearness and precision; (2) in practical knowledge of English literature; (3) in more exact knowledge of the history of the language. In selecting courses, therefore, the student should consider the bearing of the work to be done upon the particular purpose she wishes to attain. Courses A 1 and B 5 are required of all candidates for the B. A. degree and are prerequisite to all other courses; except that a student who can satisfy the instructor that she has successfully completed a course similar to B 5 may be permitted to take B 18 in its place. In all classes an effort is made to encourage the student to enrich her mind by wide and varied reading. Literature, indeed, is not studied as a mere text-book furnishing a modicum of biography with more or less valuable criticism, but as a living subject, the student being allowed as far as possible to formulate a criticism of the works read in class or assigned for special written report.

**A 1. English Composition and Language.**

Three hours a week. Required. Three hours credit.

The first aim of this course will be to train the student in the power of expression. Attention will therefore be directed to constant practice in the writing of simple English, with the purpose of enabling the student to express ideas with clearness and force. While the principles of formal rhetoric will be studied in a text-book, particular

stress will be laid upon the practical application of these principles to the work of the student and to selected readings in English prose. Since a general knowledge of the formation and development of the language as well as of the literature is deemed essential to the most fruitful work, a brief sketch of English historical grammar will be given.

*Weekly compositions, daily themes, conferences.*

MISS STONE, MISS RICHARDSON, MISS FROTSCHER.

MISS MCPETRIDGE

### **BCD 2. Practical Composition.**

*One hour a week. One hour credit.*

The lectures will be devoted to discussion of fundamental principles of rhetoric with special attention to description and exposition. The student will prepare compositions of some length on themes chosen from the general college work of each student, to be examined in conference with the instructor, the purpose being to cultivate the power of expression as an essential part of any work the student may be engaged in. This course may be elected in conjunction with BCD 8 or BC 4.

MISS FROTSCHER

### **CD 3.\* Advanced Composition.**

*Three hours a week. One hour and a half credit.*

The object of this course is to offer further study in composition to students who have shown some aptitude for literary work. Critical examinations will be made of typical specimens of narration, exposition and argumentation. Frequent long and short themes will be required, and will be criticised in class and at conferences with the instructor.

MISS RICHARDSON, MISS FROTSCHER

### **\*BC 4. The Teaching of English.**

*One hour a week. One half-hour credit.*

This course attempts to help students who expect to teach English in the grades or in the high schools. It will consist of lectures designed to suggest practical ways of teaching grammar, composition and literature. The course continues for a half year: the first quarter, the consideration of grammar and composition; the second, the study of certain works named as college requirements in English.

MISS STONE

### **B 5. English Literature.**

*Three hours a week. Required three hours credit.*

The object of this course will be to give the student a general view of the history and development of English literature. Though a textbook will be used, the actual instruction will be imparted largely by

means of lectures and detailed study of selected masterpieces in prose and in poetry. Throughout the course considerable attention will be devoted to the writing of essays as a means of training the student to appreciate and to express appreciation of the literature studied.

MR. BUTLER, MISS STONE, MISS McFETRIDGE

### **B 18. Shakespeare's Plays.**

Three hours a week. Three hours credit.

The object of this course will be to familiarize the student with the content of Shakespeare's plays. This is to be done by reading, discussion and presentation. The chief emphasis is to be placed upon the study of the analysis of character, with attention to plot construction, source of play, biographic and historic environment as present but minor considerations.

Open only to students who are allowed to substitute this course for B 5.

MISS STONE

### **C D 6-7. Elizabethan Drama.**

Three hours a week. Three hours credit.

An outline of the origin of the English drama, with reading of the chief predecessors of Shakespeare, will occupy the first term. The second term will be devoted chiefly to Shakespeare, but plays of other dramatists will also be read.

The student will need a text, and a complete edition of Shakespeare, preferably in one volume, and is advised to procure the plays of such dramatists as Jonson, Marlowe, Webster, etc.

MR. BUTLER

### **B C D 8. American Literature.**

Two hours a week. Two hours credit.

A comprehensive account of American literature is designed in this course. After briefly considering the colonial and revolutionary periods, the class will proceed to the study of the literary work produced in America during the nineteenth century. The influence of local and national history as it affects this work will be discussed.

MISS STONE

### **C D 9.\* Development of the Essay.**

Three hours a week. One hour and a half credit.

The rise of the essay and its development as a distinct type will be traced by means of lectures and critical study of selected representative essays. These will represent mainly the essay in its form and treatment in the work successively of Bacon, The Queen Anne writers,



the contributors to the new literary reviews of the early nineteenth century, and the modern essayists, such as Bagehot, Stephen, and Morley.

MISS FROTSCHER

**C D 10.\*\* The Short Story.**

Three hours a week. One hour and a half credit.

Short stories will be studied with the idea of fostering literary appreciation as well as knowledge of the historical development and the technique of this form of composition. The course will concern itself, for the most part, with English and American authors, but those of other countries will be referred to as types. Frequent reports will be required on special topics. A text-book will be used as a foundation for this course.

MISS RICHARDSON

**C D 11.\*\* Chaucer.**

Three hours a week. One hour and a half credit.

In this course the student will be given a careful drill in the facts of Chaucer's life, in his language and metre. Ample selections from the *Canterbury Tales* will be read, and will be studied as literature.

MR. BUTLER, MISS FROTSCHER

**C D 19.\* Studies in English Literature from Chaucer to the Elizabethan Period.**

Three hours a week. One hour and a half credit.

An outline of the types in the literature of this period will be given, and special attention devoted to the main currents of literature preceding the accession of Elizabeth.

MISS FROTSCHER

**D 12. English Poetry in the Nineteenth Century.**

Three hours a week. Three hours credit.

The course will involve a study of the life and influence of the greater poets of the century, from Scott to Swinburne. A complete work of each poet, or a sufficient body of shorter poems, will be read; and the student will be trained by means of discussion and original work to formulate critical judgments.

MR. BUTLER

This course, or D 13, or D 17, will be given in 1919, according to the needs of the students.

**D 18. The English Novel.**

Three hours a week. Three hours credit.

The development of the novel, from the Elizabethan period, will be traced historically. An outline of the facts will be studied in a text-book, but the greater part of the time will be devoted to careful study

of actual specimens of prose fiction selected to represent the taste of a particular period or the characteristics of a particular type. The influence of the essay and of the character study will be indicated. But the purpose of the course will be rather to assure the student of a sound knowledge of the well established facts and principles than to attempt original investigation.

MR. BUTLER

**C D 14.\*\* English Prose in the 18th Century.**

Three hours a week. One hour and a half credit.

The main purpose of this course is to show the development of English prose from Milton to Burke. The work will include a careful study of such political and intellectual conditions as are reflected in the writings of the most important critics, pamphleteers, biographers, essayists, and novelists of the period. Much reading will be expected and reports required on special topics.

MISS RICHARDSON

**D 17. The Modern Drama.**

Three hours a week. Three hours credit.

This course will deal with the revival of the drama as a true literary type, the acting and yet readable play as opposed to the poetic dramas of the older tradition.

MR. BUTLER

**D G 15.\* Old English.**

Three hours a week. One hour and a half credit.

This course will provide a careful drill in the grammar and phonology of the language, with practice in reading, including at least a portion of the *Beowulf*, with lectures on the literature and language of the Old English period. This course is prerequisite to course 16.

MISS STONE

**D G 16.\*\* Middle English.**

Three hours a week. One hour and a half credit. Open to students who have elected course 15.

The history of English literature in the period from the *Poema Morale* to *Piers Plowman* will be studied, with reading of ample selections from the literature. Selections will be made with a view to giving an idea of the range of subjects covered by the literature of the period, and to indicating the development of the language and important divergences in dialect.

MISS STONE

**N. B.**—Announcements of the courses open to graduate students in English are made in the bulletin of the Faculty of Graduate Studies.

**FRENCH**

ASSOCIATE PROFESSOR DUREL

INSTRUCTOR WITHERS

SUBSTITUTE TEACHER DEBLANC

**A 1. Elementary Course.**

Three hours a week. Three hours credit. For students who have no previous knowledge of French.

The object of this course is to give students a working knowledge of French pronunciation; as wide, and at the same time as spontaneously available, a vocabulary as possible; and a firm grasp of the essentials of French grammar.

Phonetic drill, grammar, prose composition, and the reading of elementary prose. Reading will begin in the early part of the course. Rippman, *Features of French Life*, Nitze and Wilkins, *Elements of French Phonetics* will be studied. Fraser and Squair, *French Grammar* (longer course) *Part I* will be used as a reference book, the grammatical study will be based on the text and concentrated on the forms and syntax of the article, the pronoun and the verb.

MISS WITHERS

**A 2. Preparatory Course.**

Three hours a week. Three hours credit.

Intended for students who have taken A 1 or its equivalent and may wish to complete the entrance examinations in French, or for students having sufficient knowledge of vocabulary and grammar to enable them to read at sight elementary French prose.

Attention will be continued in giving the student a correct pronunciation and the ability to understand simple spoken French.

The work will consist (1) of the study of French syntax; (2) of the study of intermediate prose; (3) of exercises in French composition.

Review of Grammar. Fraser and Squair, *French Grammar* (longer course) *Part II*. Reading: Sand, *La Mare au Diable*; Bazin, *Contes Choisis*; Mérimée, *Colomba*.

MISS WITHERS

**A B 3. Introduction to the Study of French Literature.**

Three hours a week. Three hours credit. Open to students having had at least three years of French *who come up to the required standard*. Major Freshman and minor Sophomore.

The object of this course is both to complete the student's elementary training in the French language and to give some knowledge of the more important phases of modern French life. The work will consist of short themes based on the text read, furnishing an opportunity

or the continuation of the study of syntax; of exercises in composition, descriptions, etc.; of critical study of text, meaning of words and oral discussions on texts read.

**Books:** Koren, *French Composition*. Advanced texts: Chateaubriand, *Itala*. Buffum, *French Short Stories*; Pailleron, *Le Monde où l'on s'ennuie*; Balzac, *Eugénie Grandet* (Jenkins); Shippe and Greene, *Stories from the French Naturalists*.

MR. DUREL, MISS WITHERS

### **A 13. Conversation.**

Students in Freshman courses, especially interested in French, are divided on the basis of proficiency into sections of eight or twelve. These sections, meeting once a week, are under the guidance of an advanced student who has shown exceptional ability and fitness for the work. One half-hour credit is given for this extra study, the election of which is voluntary.

### **B C 4. General Survey of French Literature.**

Three hours a week. Three hours credit. Pre-requisite for courses 8, 9, 10, 11 and 12.

The evolution of French thought and literary ideals from *La Chanson de Roland* will be outlined. Students will be referred to the various histories of French literature and selections from epoch-making masterpieces will be read.

MR. DUREL

### **B C D 5. French Literature of the Seventeenth Century.**

Three hours a week. Three hours credit.

A study of the plays of Corneille, Molière and Racine. The structure and nature of classical drama, approached through a study of representative plays, with illustrative collateral reading. Lectures on the social, educational and philosophic ideas of the seventeenth century.

Selected works of La Rochefoucauld, La Bruyère, La Fontaine and Fénelon.

MISS WITHERS

### **C D 6.\* The Period of Romanticism.**

Three hours a week. One hour and a half credit.

A study of the principal poets, dramatists and novelists of the first half of the nineteenth century. Lectures and text assignments for critical study and class discussion.

MR. DUREL

### **C D 7.\*\* French Literature Since 1850.**

Three hours a week. One hour and a half credit.

Representative poets, novelists and dramatists. A study of the principal literary schools. Lectures and collateral reading.

MR. DUREL

**CD 14. Advanced French Composition.**

One hour a week. One hour credit.

The purpose of this course is to provide further training in the writing of French for those students who feel the need of it.

MR. DUREL

**D 8.\* Literary Renaissance of the Sixteenth Century.**

Three hours a week. One hour and a half credit.

Rabelais, Calvin, Montaigne, Ronsard and the *Pléiade*, that is, the Reformers and Humanists proper first, and then the artists will be studied, ending with Malherbe's reforms.

MR. DUREL

**D 9.\*\* French Literature of the Eighteenth Century.**

Three hours a week. One hour and a half credit.

The revolt against classicism and the beginning of the romantic movement. A study of the principal authors of the period.

MR. DUREL

**D 10.\* French Phonetics and Old French Readings.**

Three hours a week. One hour and a half credit.

A study of the phonetic laws which explain the evolution of popular or folk Latin into French. As early as possible in the course old and middle French texts will be read.

MR. DUREL

**D 11.\*\* The Romantic Drama.**

Three hours a week. One hour and a half credit.

The work will center on Hugo's dramas. A few plays by Dumas, Vigny and Musset will also be read and discussed.

MR. DUREL

**CD 12.\*\* Methods of Teaching French.**

One hour a week. One half-hour credit.

Required of students wishing to obtain a certificate as accredited coach in French.

Elementary training in Phonetics and a discussion of the various methods of Modern Language teaching.

MISS WITHERS

## GEOLOGY

ASSISTANT PROFESSOR A. E. SPENCER

**CD 1. General Geology.**

Three hours a week. Three hours credit.

An introductory course treating of the leading facts and principles of the science.

Some of the topics discussed are: general features of the earth; igneous, sedimentary and metamorphic rocks; erosion; under ground

ter; glaciers, oceans and lakes; vulcanism; origin of the earth; the five great eras of geologic history.

Illustrations by lantern slides and specimens.

Some time will be devoted to the interpretation of topographic and geologic maps, and to the study of the principal rocks and of the important rock forming minerals.

## GREEK

PROFESSOR TEW

Provision is made for those who have had no Greek before coming to college.

### A C 1. Elementary Greek.

Three hours a week. Three hours credit. Elective as a minor.

Greek Grammar. Xenophon: *Anabasis*.

### A B D 2. Elementary Greek, (Continued).

Three hours a week. Three hours credit. Open to students who have completed course 1.

Xenophon: *Anabasis*, continued. Homer: *Iliad* and *Odyssey*.

### A B C 3. Homer. Plato. Euripides.

Three hours a week. Three hours credit.

Rapid reading of selected books of the *Odyssey*. Plato: *Apology*, *Crito*, and the narrative portions of the *Phaedo*. Euripides: *Alcestis*.

### B C 4. Herodotus. Demosthenes. Sophocles.

Three hours a week. Three hours credit.

Herodotus: Selections. Demosthenes: *De Corona*, with study of history of the time. Sophocles: *Antigone*.

### C D 5. Thucydides. Sophocles. Aeschylus.

Three hours a week. Three hours credit.

Thucydides: Books VI and VII. Sophocles: *Oedipus Tyrannus*. Aeschylus: *Prometheus*. Study of metres of the plays.

### D 6. Euripides. Aristophanes. Pindar.

Three hours a week. Three hours credit.

Euripides: *Medea*. Aristophanes: *Clouds*. Selections from Pindar. N.B.—Announcements of the courses open to graduate students in Greek are made in the bulletin of the Faculty of Graduate Studies.

### C D 7. Greek Literature in English Translations.

Three hours a week. Three hours credit. Elective. No knowledge of Greek is required.

The aim of this course will be to make the student acquainted with the masterpieces of Greek literature. A manual of the history of Greek literature will serve as a foundation, but the chief stress will be laid upon the literary study of representative works, especially of Homer, the dramatists and Plato.

### HISTORY AND POLITICAL SCIENCE

PROFESSOR WINSTON  
INSTRUCTOR RICHARDSON

PROFESSOR TAYLOR  
LECTURER McMAN

#### A B 1. History of Greece to the Roman Conquest.

Three hours a week. Three hours credit. Elective by those not offering Ancient History for entrance.

A systematic study of the political, intellectual and artistic history of the ancient Greeks, supplemented by the detailed study of the age of Pericles. Omitted in 1919-20.

MISS TEW

#### A B 2. Roman History to Diocletian.

Three hours a week. Three hours credit. Elective.

The History of Rome from the beginnings of the Republic, with special attention to the political, economic and social history, supplemented by detailed study of a single period.

MISS TEW

#### A B 3-4. English History.

Three hours a week. Three hours credit. Elective by those not offering English History for entrance.

An outline of the political history of England, with attention to the constitutional and religious struggles, to the economic and social changes, and the founding of the British Empire. The earlier periods, from the Conquest to 1485, will be treated in less detail than the later, from 1485 to recent times.

MISS RICHARDSON

Text: Cross, *History of England*.

#### B 5.\* History of Western Europe.

Three hours a week. One hour and a half credit.

A general survey of the history of Europe from the barbarian invasions to the close of the fifteenth century.

Lectures, recitations, collateral reading.

Textbook: Robinson's *History of Western Europe*; Munro and Sellery's *Mediaeval Civilization*.

MISS RICHARDSON

#### B 6.\*\* History of Western Europe.

Three hours a week. One hour and a half credit.

A general survey extending from the close of the fifteenth century to the foundation of the present European political system.

**Lectures, recitations, collateral reading.**

**Textbook:** Robinson, *History of Western Europe*.

MISS RICHARDSON

**C D 7.\* The French Revolution and Napoleon.**

Three hours a week. One hour and a half credit.

The causes of the French Revolution, a study of the revolutionary movement within France, and the Napoleonic empire, will form the subject matter of this course.

MR. WINSTON

**C D 8.\*\* European History of the Nineteenth Century.**

Three hours a week. One hour and a half credit.

The conflict of "liberal" and "reactionary" ideas in Continental Europe since 1815. The struggle for Liberalism and Nationalism. National unification and expansion; problems of international rivalry.

MR. WINSTON

**D 10.\*\* Method of Teaching History.**

Two hours a week. One hour credit.

Practical course for prospective Teachers of History. Bibliographies of Textbooks, References, Source Collections. Principle of selection of Topics of Illustration, Problems of presentation, interpretation. Classroom problems.

**C D 11.\* American History.**

Three hours a week. One hour and a half credit.

Exploration and discovery of the Southwest, a study of colonial institutions as illustrated by the development of typical American colonies, the American revolution, and the formation of the Constitution.

MR. WINSTON

**C D 12.\*\* American History.**

Jefferson's administration, the westward movement, the development of parties, and the rise of sectionalism to 1828.

MR. WINSTON

**C D 13.\* History of the United States.**

Jackson's administration, the Mexican War, the development of sectionalism, and the Civil War. Special attention will be given to the social and economic history of the *ante-bellum* south.

MR. WINSTON

**C D 14.\*\* History of the United States.**

The Reconstruction period, the financial and industrial history of the United States since 1876, America as a world power.

MR. WINSTON



**N. B.**—Announcements of the courses open to graduate students in History are made in the bulletin of the Faculty of Graduate Studies.

**N. B.**—No course is given unless at least 10 students apply for it.

---

**C D 1. Principles of Economics.**

Three hours a week. Three hours credit.

The principles of economic life are studied with constant reference to the economic aspects of legal and political problems and to the development of the United States. Certain topics of applied economics, such as the tariff, banking, and trusts, are selected for more extended discussion in the light of these principles.

Much of the class-room work takes the form of free, oral discussion. A fundamental aim is to aid students to think, with accuracy, insight, and sound judgment, for themselves.

MR. WINSTON

This course is a prerequisite for the course C D 2.

**C D 2\*. Neighborhood Life in an Industrial Center.**

Three hours a week. One hour and a half credit.

This course aims to give a general view of life in an industrial neighborhood, and to help the student to gain a practical, accurate insight into some of its problems and limitations. It deals with the neighborhood home, neighborhood civic life, neighborhood industrial life, neighborhood social life, and with the forces and elements available for social progress.

Visits of inspection and observation will be organized, under the guidance of the instructor; and every possible opportunity will be given the student to study the problems at first hand.

MISS MCMMAIN

---

**LATIN**

PROFESSOR HARKNESS

MISS LUND

The work in Latin is conducted with two ends principally in view; (1) an accurate understanding of the Latin language for its own value and as one of the most important factors in the structure of modern language, and (2) an acquaintance with Roman literature and Roman civilization.

In accordance with this plan the work of courses 1 and 2 includes careful drill upon grammatical forms and constructions, the purpose being to secure ease and accuracy in translating Latin, without which an appreciation of its literary features is impossible. With courses 3 and 4 a beginning is made of the study of Latin literature for itself and its revelation of the life and character of the Roman people, the

last half of the senior year (course 10) being devoted to a survey of Roman literature from its beginning to its decay as a national literature. During the entire course, however, careful grammatical and linguistic study is insisted upon, as it is believed that this should never be lost sight of even when a larger proportion of attention is given to literary and historical work.

**A 1. Latin Prose Composition. Sallust.**

Three hours a week. Three hours credit. Open to students who have met entrance requirements in minor Latin. Prose Composition. Sallust: *Jugurtha*. MISS LUND

**A 2. Latin Prose Composition. Livy. Cicero.**

Three hours a week. Three hours credit. Open to students who have met entrance requirements in major Latin. Livy: *Book XXI*. Cicero: *De Senectute*. Prose Composition based on the texts read. MISS HARKNESS, MISS LUND

**B 3. Ovid: Livy.**

Three hours a week. Three hours credit. Minor elective. Open to students who have completed course 1. Ovid: Selections from *Metamorphoses*. Livy: *Book I*, and Selections from *Books II-X*. MISS HARKNESS

**BC 4. Horace: Pliny: Private Life of the Romans.**

Three hours a week. Three hours credit. Major in Sophomore year. Elective as a minor in Junior year. Horace: Selections from *Odes*, *Epodes*, *Satires* and *Epistles*. Pliny: Selected Letters. The private life of the Romans.

In the first term selected Odes and Epodes are read, with a careful study of the metres of Horace. In the second term one hour a week is given to discussion of the private life of the Romans, with special attention to passages bearing on this subject in the Satires and Epistles of Horace and the Letters of Pliny which are read. MISS HARKNESS

**C 5.\* Vergil.**

Three hours a week. One hour and a half credit. Selections from the *Aeneid*.

**C 6.\*\* Vergil.**

Three hours a week. One hour and a half credit. Selections from the *Bucolics* and *Georgics*.

Courses 5 and 6 are elective as minor in Junior year. Vergil's sources, models, influence, and art are studied in connection with the selections read. MISS HARKNESS

**CD 7.\* Tacitus.**

Three hours a week. One hour and a half credit. Elective as a major in Junior and as a minor in Senior year.

Tacitus: *Germania* and *Agricola*.

Qualities of Tacitus as a historian are studied, and his viewpoint and that of his literary contemporaries are compared.

MISS HARKNESS

**CD 8.\*\* Comedy: Plautus and Terence.**

Three hours a week. One hour and a half credit. Elective as a major in Junior and as a minor in Senior year.

One play each of Plautus and Terence is read. Study of the origin and development of Latin comedy.

MISS HARKNESS

**D 9.\* Seneca: Juvenal:**

Three hours a week. One hour and a half credit. Elective as a major.

Seneca: Selections from Essays. Juvenal: Selected Satires.

Study of aspects of Roman life as presented by Seneca and Juvenal.

**D 10.\*\* Latin Literature.**

Three hours a week. One hour and a half credit. Elective as a major.

A general survey is made of the history of Latin Literature, with the reading of selections from the more important authors of each period.

MISS HARKNESS

**CD 11.\* Methods of Teaching Latin.**

Three hours a week. One hour and a half credit.

Open to Juniors and Seniors, and designed for students wishing to obtain a teachers' certificate from the department. Given if a sufficient number apply.

MISS HARKNESS

**N. B.**—Announcements of the courses open to graduate students in Latin are made in the bulletin of the Graduate Department.

---

### **LIBRARY INSTRUCTION**

LIBRARIAN HARVEY

ASSISTANT LIBRARIAN DUCROS

**A 1.\* Library Work.**

One hour a week. One half-hour credit. Required of regular Freshmen.

The course is designed not only to enable students to utilize the resources of the library, but to increase accuracy and the ability to follow directions. It includes the history of books and bookmaking, the

inted parts and binding of modern books, the use of the catalogue d of periodical indexes, an outline of the Dewey Decimal classification, and the making of bibliographies.

### **S 2.\*\***

One hour a week. One half-hour credit. Prerequisite, Library A 1. This course offers an elementary study of library methods applied, filing, note-taking and all records used in college work, and furnishes training in the organization and management of a small school or private library.

## **MATHEMATICS**

PROFESSOR SPENCER

MRS. ALLÉN

### **A 1.\* Higher Algebra.**

Three hours a week. One hour and a half credit. Required.

The subjects included are graphic representation of functions, logarithms, permutations and combinations, determinants, theory of equations, limits and series.

### **A 2.\*\* Plane Trigonometry.**

Three hours a week. One hour and a half credit. Required.

The subjects treated are angular analysis, including trigonometric equations and inverse functions, solution of triangles and use of tables.

### **A B 3.\* Solid Geometry.**

One hour a week. One hour credit.

### **B C 4.\* Plane Analytic Geometry.**

Three hours a week. One hour and a half credit.

A brief course giving definitions, equations, and simplest properties of the straight line and conic sections.

### **B C 5.\*\* Differential and Integral Calculus.**

Three hours a week. One hour and a half credit.

Differentiation of standard elementary forms, simple application of the derivative, maxima and minima, points of inflection, integration of standard elementary forms with simple applications.

### **B C 6. Mathematical Theory of Interest and Insurance.**

Three hours a week. Three hours credit. Prerequisite, course A 1-2.

The mathematics of financial transactions and life insurance, treated from the point of view of the general student.

### **C D 7.\* Second Course in Analytic Geometry.**

Three hours a week. One hour and a half credit. Prerequisites, courses 4 and 5.

The principal theorems of modern analytic Euclidean geometry of conics.

**C D 8.\*\* Second Course in Differential and Integral Calculus.**

Three hours a week. One hour and a half credit. Prerequisite, course 7.

Extension of course in differential and integral calculus to include curvature, indeterminate forms, expansion of functions, curve tracing, methods of reduction of integrals, definite integrals, areas, volumes, length of curves and mechanical problems.

**C D 9. Mathematical Statistics.**

Three hours a week. Three hours credit. Prerequisite, course 5.

A course treating of graphical representation of statistics, frequency curves, averages, correlation, smoothing, with applications to problems in insurance, economics, physics and biology.

**C D 10. Theory of Equations with Determinants.**

Three hours a week. Three hours credit. Prerequisites, courses 4 and 5.

The work is based on Burnside and Panton's *Theory of Equations*.

**C D 11. Projective Geometry.**

Three hours a week. Three hours credit. Prerequisites, courses 4 and 5.

A course in synthetic projective geometry with a brief introduction to analytic methods.

**N. B.**—Announcements of the courses open to graduate students in mathematics are made in the bulletin of the Faculty of Graduate studies.

---

## MUSIC

PROFESSOR MAXWELL

INSTRUCTOR GOLDSTEIN

PROFESSOR FERRATA

INSTRUCTOR PARKER

Candidates for the A. B. degree may select music as a major subject or may elect a maximum of nine hours in theoretical and historical courses in music during the Junior and Senior years. In exceptional cases music may also be taken as an extra in the Freshman and Sophomore years.

The following courses are recommended for choice as elective towards the Bachelor of Arts degree:

A1.\* Elements of Theory.

A12.\*\* Elementary Harmony.

B2. Advanced Harmony.

- C D 4. Counterpoint.
- A S 8. Appreciation of Music.
- B S 7. History of Music.
- A 3. Solfeggio, Elementary.
- B 10. Solfeggio, Intermediate.

Courses in Canon and Fugue (D5), Free Composition (D6), and Instrumentation and Conducting (D14), will also count towards the Bachelor of Arts degree, but may be taken only by students with extraordinary preparation and ability in music. Courses B S 7 and A S 8, which require no previous preparation in music, are especially suited to the needs of the general student who recognizes the value of intelligent appreciation of music in a liberal education.

Practical courses in music (piano, voice, violin, etc.), will be open to students on payment of a special fee (see pages 193-196) but will not count towards the degree.

---

## PHILOSOPHY

PROFESSOR DIXON

### C 1. The History of Philosophy.

Three hours credit; three hours a week. Required of all Juniors in the academic course. Elective in educational courses.

This course is intended to present such an outline of the history of thought as is desirable in a general education. Emphasis is placed on the significance of philosophy in human life rather than its technical aspect.

First semester the emphasis is placed upon Greek philosophy; second semester the development of modern philosophy.

### D 2.\* Principles of Ethics.

One hour and a half credit; three hours a week.

Open to Seniors who have completed course 1.

An introductory course presenting an analysis of voluntary conduct. Discussion of the nature of conscience, meaning of right and wrong, principles of life, responsibility and moral authority.

### D 3.\*\* The Philosophy of Kant.

One hour and a half credit; three hours a week.

Open to Seniors who have taken course 1.

A critical reading of the Kantian critiques showing the relation of Kant to the development of modern philosophy.

**D 4.\*\* German Idealism.**

One hour and a half credit; three hours a week.

Open to Seniors who have taken course 1.

A general study of the development of German philosophy after Kant, especially as found in Fichte and Hegel.

**General Note:** Courses D 3 and D 4 will be given in alternate years.

---

## **PHYSICAL EDUCATION AND HYGIENE**

PROFESSOR BAER

ASSISTANT

The aim of the work in Physical Education, with which the lectures in Hygiene are combined, is to promote the general efficiency and health of the student thru systematic exercise and an understanding of the principles of healthful living. Written examinations are given in all theory courses.

Each student receives a thorough physical examination on entering. These examinations are repeated twice each year.

Regular students are admitted to the gymnastic classes without extra charge and also special students who take more than two college studies. *Other specials will be charged as for a regular college subject.*

**A uniform suit is required in all gymnastic work and athletic contests.**

### **GENERAL COURSES**

#### **in Physical Education and Hygiene**

Physical Education and Hygiene form part of all courses during the entire four years of the college and count toward the degrees conferred.

Two hours a week are required of all students throughout the college course. The work in gymnastics is based upon the kinesiology of the Swedish system and includes free-standing exercises, apparatus work, aesthetic gymnastics, games, dance steps, fencing and athletics.

Corrective Gymnastics is given where students need special exercises. A collateral course in reading, covering topics related to Physical Education, is also included as a part of the general work.

A course of ten lectures on Personal Hygiene will be given in the autumn of the Freshman year. These lectures are scheduled for the regular gymnasium class hours which they substitute for the time.

#### **A 1-2. Gymnastics, Personal Hygiene, First Aid.**

Two hours a week.

Introductory, free exercises, apparatus work, dumb bell drill, marching tactics and athletics. Collateral reading required.

**B 3-4. Gymnastics.**

Two hours a week.

Progressive free exercises and apparatus work; wand drill, dance steps, athletics. Collateral reading required.

**C 5-6. Gymnastics.**

Two hours a week.

Advanced free exercises and apparatus work; club swinging; athletics. Collateral reading required.

**D 7-8. Gymnastics.**

Fencing, advanced gymnastics; aesthetic exercises; athletics. Collateral reading required.

---

**TRAINING COURSE FOR TEACHERS**

This course leads to the degree of Bachelor of Arts in Education. It is designed for the training of teachers in Physical Education and Hygiene.

For the prescribed course in Education and the general course of study, see page 205.

The special course in Physical Education and allied subjects includes the following:

**A 9. Kinesiology—The Mechanics of Voluntary Motor Exercise.**

Three hours a week. Three hours credit.

This course includes the study of the mechanics of special exercises in relation to education, hygiene and general motor coordination; also the structure of the body in reference to special progression in gymnastics.

Text-books: Posse's *Special Kinesiology of Educational Gymnastics*.

**A 10. History and Principles of Physical Education.**

One hour a week. One hour credit.

The idea of gymnastics as a curative agent among the ancients, the development of physical education in Sweden, Germany, and modern Europe, as well as its growth and position in the United States will be considered in this course; also the bearing of physical education and hygiene upon the life of the people.

Text-book: Galbraith's *Personal Hygiene and Physical Training for Women*. Reference: Ling, Roth, Taylor, Nissen.

Lecture and collateral work.



**A 11. Theory of Teaching Physical Education.**

Three hours a week. One hour and a half credit.

A course in methods, including the study and practice of the nomenclature used, voice culture, arrangement of progressive ~~day's~~ order of exercise, with observation of classes.

Text-book: Posse's *School Gymnastics*.

Notes: Rath's "Physical Education."

**B 12.\* The Physiology of Exercise.**

Three hours a week. One hour and a half credit.

General physiology in relation to gymnastics, including a study of the effects of exercise on the organism and functional processes.

Notes, lecture, demonstration and drawings.

**B 13.\*\* Corrective Gymnastics.**

Three hours a week. One hour and a half credit.

A study of the causes and the remedy of postural defects.

References: Posse, Nissen, Lovett, Bancroft.

**B 15. C 16. D 20. Expression.**

Two hours a week. One hour credit.

The philosophy of expression, with classification of selected readings; hygiene of the vocal apparatus, and Bell's Visible Speech.

Text-book: Fulton and Trueblood's *Practical Elocution*.

Notes and Diagrams from Delsarte and Bell.

**C 17. General Kinesiology.**

Two hours a week. One hour credit.

The application of general gymnastic principles to exercise, both of the educational and recreative type.

Lectures; notes from Posse, Bolin, Skarstrom, Bowen.

Collateral and original work.

**C 18. D 19. Medical Gymnastics.**

Three hours a week. Three hours credit.

This course includes the study of exercise as a remedial agency in general and specific cases; the character of active and passive exercise, both manual and mechanical.

Text-book: Posse's *Medical Gymnastics*; Notes from Ling, Roth, Taylor, Nissen, Graham, Ostrom, Kellogg.

**D 21. Problems in Physical Education and Hygiene.**

One hour a week. One hour credit.

This course includes the history, plans and purposes of the playground and movement, summer camps for girls, etc., and the relation of the movements to physical education.

Lectures, collateral work, original work.

### **D 22. Anthropometry.**

Two hours a week. One hour credit.

The purpose of measurements in relation to the normal and abnormal body, also study and practice in physical diagnosis and physical examinations.

Text-book: Seaver's *Anthropometry and Physical Examination*; notes from Cabot and Federsen. Also use of Newcomb's charts and records.

## **PHYSICS AND ASTRONOMY**

PROFESSOR LYON

INSTRUCTOR REAMES

### **A B 1. Experimental Physics.**

Lecture, three hours, laboratory, two periods, (two hours each) a week. Five hours credit.

Required of students not offering Physics for entrance.

MR. LYON, MISS REAMES

### **A 7. Elementary Practical Physics.**

One hour a week. Credited as part of the course in Foods and Household Management A 1 (Household Economy).

A lecture and demonstration course, designed to emphasize some of the more common physical principles of every-day life, as manifested in practical Household Management.

Required of all students in Domestic Science, as part of the course in Household Management A 1.

Lynde, *Physics of the Household*. MR. LYON, MISS REAMES

### **A 8.\* Acoustics.**

One hour a week, first term. Credit under Theory A 1, (Music).

Lectures and demonstrations. Required of all Music Students in regular courses, in connection with A 1 Theory. MR. LYON

### **B C 2. General Physics.**

Lecture, three hours; laboratory, two periods (two hours each), a week. Five hours credit. Elective as second year science. Pre-requisite: Physics A B 1, or the equivalent, and Mathematics A 1, 2.

MR. LYON, MISS REAMES

**C D 3. Sound and Light, or Electricity and Magnetism.**

Lecture, one hour; laboratory, two periods (two hours each), 1 week. Three hours credit. Pre-requisite: Physics B C 2, and Mathematics B C 4-5, or their equivalents.

Lectures and recitations, accompanied by a selected series of laboratory exercises, adapted to the course.

**N. B.**—C D 3 Physics will not be open for session of 1919-1920.

MR. LYON

**D 4. Advanced Physics.**

Three hours a week. Three hours credit.

1919-1920. Theory of Heat, and General Problems in Physics. Lectures, recitations, and library reading.

Problems to be selected from various sources.

MR. LYON

**C D 5. Meteorology.**

Three hours a week. Three hours credit.

Lectures and recitations. Laboratory work of the nature of daily meteorological record keeping will be required. Interpretation of the daily weather map, and careful study of the work of the U. S. Government Weather Bureau, in collecting and preparing data needed in forecasting.

Milham, *Meteorology*.

MR. LYON

**C D 6. General Astronomy.**

Three hours a week. Three hours credit.

Lectures and recitations. Constellation study required. A small equatorial is available for the use of the class.

Young, *Manual of Astronomy*; Willson, *Laboratory Astronomy*.

**N. B.**—Either C D 5 or C D 6 will be given 1919-1920, depending on the demand.

MR. LYON

---

**PSYCHOLOGY AND EDUCATION**

PROFESSOR FLETCHER

ASSISTANT PROFESSOR SUNNE

INSTRUCTOR BAXTER

**B C D 1.\* Introductory Psychology.**

Three hours a week. One hour and a half credit.

This is intended to serve as a beginning course in psychology, and is designed to meet the needs of those students who may be interested in the subject from the scientific and cultural viewpoint as well as those to whom it may be of benefit professionally. The course begins with a brief study of the structure and function of the nervous system as a basis for the study of sensation. Succeeding this is the study of the more complex processes of perception, memory and imagination.

Reasoning, instinct, feeling, emotions, action and will. The work will consist of recitations, discussions, lectures and class demonstrations.

MR. FLETCHER, MISS SUNNE

**B C D 2.\*\* Genetic Psychology.**

Three hours a week. One hour and a half credit.

A treatment of the origin and development of mind in the race and in the individual. Chief emphasis in this course will be laid on the various phases in the development of the child mind and the modern methods of the study of child psychology. Prerequisite, B C D 1.

MR. FLETCHER, MISS SUNNE

**C D 3.\*\* Elementary Experimental Psychology.**

Four hours of laboratory and one recitation hour a week. One hour and a half credit.

Designed to introduce those who have taken B C D 1 to the laboratory methods employed in the study of the fundamental problems of psychology. Qualitative experiments will be made in sensation, perception, association, ideation, etc. The experimental work will be paralleled by the study of an elementary text.

MR. FLETCHER, MISS SUNNE

**C D 4.\*\* Social Psychology.**

Three hours a week. One hour and a half credit.

This course will comprise a study of the psychological laws that condition the origin and growth of social customs, ideals and institutions. Prerequisite, B C D 1.

MR. FLETCHER

**C D 5. Educational Psychology.**

Four hours a week. Three hours credit.

An experimental course in the application of psychology to educational problems, with special reference to methods, economy and efficiency of learning, and specific forms of learning in different school subjects. A survey of the various psychological, educational, and vocational tests and scales will be made in order that the student may become familiar with the methods of administering such tests and get some practice in the statistical treatment of results.

The introductory course will be repeated the second semester as a part of Education C D 2.

MISS SUNNE

**C D 6. Applied Psychology.**

Three hours a week. One hour and a half credit.

A study of the application of psychological principles and methods to business, industry, medicine and law. The analysis of individual

capacities and traits and vocational guidance will receive special emphasis.

Introductory psychology pre-requisite.

MISS SUNNE

#### **D 7. Experimental Psychology--Advanced.**

Four hours of laboratory a week. Two hours credit.

The first half of the year will be devoted to quantitative experiments in certain of the general problems of psychology. This will be followed, if possible, by special detailed study of selected problems. Introductory psychology prerequisite.

MR. FLETCHER, MISS SUNNE

#### **D 8. Clinical Psychology.**

Three hours a week. Three hours credit.

During the first term study will be made of the variant types of mental development such as the feeble-minded, the idiot-savant, and the genius, along with modern methods in the mental diagnosis of these conditions. The psychology of mental measurements will be stressed. The second term will be devoted to the study of other variations from the normal in the form of illusions, dreams, hallucinations, hypnotic suggestion, disassociation of personality; and finally some attention will be paid to the psychological theories of Freud in reference to hysteria. Introductory psychology presupposed.

MR. FLETCHER

#### **D 9.\*\* Aesthetics.**

Two hours a week. One hour credit.

A treatment of the psychological laws that underly aesthetic experiences. Some attention will be given to the analysis of the nature of the beautiful and the feelings involved in appreciation; also a study will be made of the impulses, both racial and individual, that have led to artistic creation.

MR. FLETCHER

**NOTE:** For announcements of other offerings in psychology see extension and graduate bulletins.

### **EDUCATION**

Under this heading will be included courses of study designed primarily for the needs of students who desire to prepare themselves for teaching. The attempt is made to meet the requirements of the laws in this and adjoining states regarding the preparation of teachers.

The Education courses required for the degree B. A. in Education are B 1, C D 2, and D 3. For other requirements see page 200.

**B 1. History and Principles of Education.**

Three hours a week. Three hours credit.

This is a fundamental course in the study of Education. It is designed to trace the evolution of ideals of culture and of educational aims and practices as they have been determined by the social, economic, political, and religious conditions in the various stages of human development. From a careful analysis of this historic back-ground an attempt will be made to interpret the meaning of education and to deduce principles of education that are directly related to present day problems of the elementary and secondary schools.

MISS BAXTER

**C D 2. Principles of Teaching.**

Three hours a week. Three hours credit.

This course includes both the theoretical and experimental aspects of educational principles. Students will take the theoretical part one-half year and the experimental part the other half.

**A. Theoretical.**

A study of the principles that underlie class-room management and methods. It analyses the aim of education in relation to social progress and includes such topics as the original nature of man, individual differences, habit, the laws of learning, the thinking process, organization, interest and effort, fatigue, discipline, moral training, and educational measurements.

MISS BAXTER

**B. Experimental.**

See Educational Psychology C D 5.

MISS SUNNE

**D 3. School Administration.**

Two hours a week. Two hours credit.

This course is planned to give the student a knowledge of the organization, administration and general problems of the school, with special reference to the elementary and secondary school. It includes such topics as the legal status and support of the school; administrative units and their relation to each other; selection and organization of the course of study; school hygiene; medical inspection; equipment; studies in acceleration, retardation and elimination; use of scale and standards in measuring efficiency; types of co-operation between the school and the community.

MISS BAXTER

**D 4. Educational Sociology.**

One hour a week. One hour credit.

A study of the sociological foundations and of educational theory and practice as they affect organization, curriculum and methods of

the kindergarten, elementary and secondary schools. It will also include the study of vocational education and of special forms of education for social leaders and welfare workers. MISS BAXTER

**D 5\*. Secondary Education.**

Two hours a week. One hour credit.

This course is intended for prospective high school teachers and principals. The three-fold aim is (1) to study the adaptation of the high school to the needs of adolescent boys and girls; (2) an examination of the secondary school as a social institution, its structure, place and function, and (3) a study of the problems of secondary education, and the means, methods and materials wherewith its aim can be achieved. MISS BAXTER

**D 6\*\*. Elementary Education.**

Two hours a week. One hour credit.

This course is devoted to the special problems of kindergarten, primary and elementary schools. It considers such questions as the relation of the home and school, the adaptation of the school to fit the needs of the growing child, the handling of routine factors, order and discipline, the technique of class-room instruction, the elimination of waste in time and energy, fatigue and the theories of play. MISS BAXTER

**D 7. Observation and Teaching.**

Special arrangements will be made for this work and credit given according to the amount of work done. MISS BAXTER

**Educational Methods.**

For Methods in Art, see page 254; in Music, page 264; in Physical Education, page 233; in Mathematics, page 229; in French, page 222; in History, page 225; in Domestic Science, page 274; in English, page 216.

**Educational Psychology.**

See announcements of the Department of Psychology (page 237) for courses in Genetic and Educational Psychology.

**N. B. FREE TUITION FOR TEACHERS OF ATTAINMENT.** See page 69.

**THE F. WALTER CALLENDER LABORATORY OF  
PSYCHOLOGY AND EDUCATION.**

Through the munificence of the late Mr. F. Walter Callender Newcomb College has been enabled to begin the organization and equipment of a laboratory for use in experimental work in psychology and

cation. By action of the Board of Trustees of Tulane University October 23, 1912, the sum left by Mr. Callender was set aside on the following terms, namely: "Resolved, That the special fund of about \$5,000 left by F. Walter Callender for the use of the Newcomb College shall be set aside for the development of a Laboratory of Psychology and Education and of the Educational courses in connection therewith.

"This Laboratory shall be known as the F. Walter Callender Laboratory of Psychology and Education and so placed as to be accessible to men students and such students in advanced classes and in professional courses shall have access to these classes by paying the customary fees.

"It is understood that any special use of this fund for building or other purposes than maintenance shall be subject to the special action of the Board."

In addition to other appropriations by means of which a considerable start has been made toward the organization of a laboratory for use in demonstrations to introductory classes, as well as for use in the undergraduate and graduate courses in experimental psychology, the laboratory has been authorized to use a certain portion of its income or equipments in the form of apparatus and a department library. It is the plan of the Department to put emphasis on securing as good a working library as is possible in the way of standard books for reference and other purposes, and the most important English, French and German psychological journals. There will be in the reading room of the library for use by the students of psychology complete files of the American Journal of Psychology, the British Journal of Psychology, the Journal of Educational Psychology, the Journal of Animal Behavior, the Psychological Clinic, and L'Année Psychologique. In the library of Tulane University there are files of the Psychological Review, the Psychological Bulletin, the Psychological Index, and Mind. In addition to the complete files of the above Journals the Laboratory subscribes for the Journal of Philosophy, Psychology and Scientific Method, The Journal of Comparative Neurology and Psychology, the Pedagogical Seminary, the Educational Review, the Journal of Abnormal Psychology, Zeitschrift für Psychologie, Archiv für die gesamte Psychologie, Psychologische Studien.

The lecture room for the Department of Psychology contains, besides the instrument cases in which are kept the smaller piece of psychological apparatus, tables specially made for use in class experimentation.



The Laboratory equipment consists at present of the more important pieces of apparatus necessary for the prosecution of the undergraduate courses in qualitative experiments. This equipment is being constantly added to and will be made as complete as possible before the attempt will be made to stress the more advanced quantitative and research work. The Laboratory has a good supply of tools for making general repairs and the simpler pieces of apparatus in wood, and also has a share in the services of the mechanic of Tulane University in the case of the need for more complicated pieces.

### THE PSYCHOLOGICAL CLINIC

In addition to the Laboratory for general psychological studies, and as part of its field of work, the Callender Laboratory maintains a Psychological Clinic. The work of the Clinic is two-fold. In the first place it receives by appointment for examination cases of mental deficiency and other forms of mental and moral deviation which fall within the scope of psychological study. These cases are carefully studied at the Laboratory and on request a diagnosis is submitted to the parent or other person duly authorized. In addition to the mental diagnosis received at the Laboratory the Clinic has had the privilege of referring all its cases for physical examination to the Medical Staff for physical examination according to the need of each individual case. The second aspect of the clinical work consists of the instruction offered in clinical and differential psychology by means of which teachers, social workers and others who are interested in this field may receive training.

The Clinic is equipped with apparatus for use in mental and physical testing and for anthropometric measurements. With this equipment and the numerous cases of various exceptional types from the City of New Orleans and from the State, opportunities are good here for study in this line.

### SPANISH AND ITALIAN

SEÑOR FERNÁNDEZ

#### A 1.\* Elementary Spanish.

Three hours a week. One hour and a half credit.

Fundamental principles of Spanish grammar, with abundant practice in conversation. From the beginning students are taught Castilian pronunciation, as set forth by the Royal Spanish Academy. Later, however, they are made acquainted with the departures from that pronunciation which are customary in many parts of Spain and Spanish America.

*The Newcomb Spanish Grammar*; Special Study of the regular and irregular verbs; class-room reading and translation of the Spanish play, *Después de la Lluvia, el Sol*; grammatical questions and answers (in Spanish) for the First Term examination.

**A 2.\*\* Elementary Spanish—continued.**

Three hours a week. One hour and a half credit.

*The Newcomb Spanish Grammar* continued; verbs (review); Ramos Carrión y Vital Aza, "Zaragüeta."

Study of the Spanish pronunciation and barbarisms in Spain and in Spanish-American countries.

Wickersham Crawford, *Spanish Composition*; grammatical questions and answers (in Spanish) for the Second Term Examination.

In this course the instruction is given wholly in Spanish, the vocabulary of every day life is emphasized, and the students memorize choice extracts from the writings of representative Spanish authors.

**B 3.\* Reading and Composition.**

Three hours a week. One hour and a half credit.

Humphrey, *Spanish Prose Composition*; Alvarez Quintero, *Mañana de Sol*; Benavente's *El Príncipe que Todo lo aprendió en los Libros*; Remy's *Spanish Composition*.

**B 4.\*\* Reading and Composition—continued.**

Three hours a week. One hour and a half credit.

Moratin, *El Sí de las Niñas*; Espinosa's *Advanced Spanish Composition and Conversation*; Ford, *A Brief History of Spanish Literature*; M. Menéndez y Pelayo, *Las Cien Mejores Poetas (Líricas) de la Lengua Castellana*.

**C 5. Spanish Grammar and Reading.**

Three hours a week. Three hours credit. Elective for Juniors.

This course is similar to Courses 1 and 2, but covers the ground more thoroughly, and is intended to be a sufficient introduction to 6.

**D 6. Spanish Literature.**

Three hours a week. Three hours credit. Elective for Seniors who have had course 5 or equivalent.

Altamira, *Historia de la Civilización Española*; Pérez Galdos (Alvarez Quintero), *Marianela*; Pereda, *Peñas Arriba*.

Fitzmaurice-Kelly, *Historia de la Literatura Española*; Calderon, *La Vida es Sueño*; Cervantes, *Don Quijote de la Mancha*.

**C D 1. Elementary Italian.**

Three hours a week. Three hours credit. The courses in Italian are offered for students of Music.

Hossfeld's *Italian Grammar*; Hossfeld's *Italian Composition and Idioms. Conjugation of Italian Verbs*. Bowen, *Italian Reader*; De Amicis, *La Vita Militare*.

**C D 2. Italian Reading and Composition.**

Three hours a week. Three hours credit.

Grandgent, *Italian Composition*; Wilkins, *Italian Short Stories*; Goldoni, *Il Vero Amico*; Luigi Ricci, *Le Cento Migliori Poesie (Liriche) Dalla Lingua Italiana*.

## SCHOOL OF ART

**The School of Art** was established in 1909, but since the organization of the college in 1887, courses in Art have formed an important part of the college curriculum. In the year 1909, the college was formally organized into Schools, and the Department of Art became the School of Art.

It should be stated for the information of patrons that during the thirty years of this school's life, it has consistently sought to find the most helpful means of adapting its teaching to the practical needs of its pupils and of the community it serves.

The conditions which immediately surround the school have led to unusual methods in the effort to afford convincing object lessons as to the place and value of art in life and industry. The wisdom of these methods and the resultant art product shown by the pupils of this school at the San Francisco Exposition were attested by the award of **GRAND PRIZE**.

The pottery manufactured at the school has been reckoned the most American and artistic of all the potteries of the country.

The embroidery produced by the pupils has set a new standard in the art of needlecraft.

Silversmithing has made it possible for pupils to pay their tuition fees and later to enter a profitable vocation.

Bookbinding is shown to be a means of livelihood.

Teachers of art, educated in this work, have exercised their influence for a generation.

Those who have studied only for pleasure and the elevation of taste, have exerted a lively demand for more beauty in domestic and civic life.

Portrait and landscape painters have contributed a share to the aesthetic growth of the South.

---

## COURSES OF STUDY

The following courses of study are offered in Art.

*Regular* course leading to the degree of Bachelor of Design.

*Regular* course leading to the degree of Bachelor of Arts in Education.

*Regular* course leading to degree of Bachelor of Arts in Education, in which the Art elective is shared by the elective in Music.

*Regular* course elective in the College, counting towards the degree of Bachelor of Arts.

*Regular* course required of students in Household Economy.

*Studio* courses.

#### ART ELECTIVE IN THE COLLEGE

**A 1.** Two studio periods, two hours each; one lecture period, one hour; three hours credit.

Art work may be taken as an extra in Freshman and Sophomore years, the schedule and the amount of work already undertaken permitting. This extra, if undertaken, includes drawing, water color, and design. Lectures on the history of painting, illustrated with stereopticon, form a part of the course.

**B 1.** The same subjects further developed.

Two studio periods, two hours each; one lecture period, one hour; three hours credit.

**C D 1.** Two studio periods, two hours each; one lecture period, one hour; three hours credit. Open to Juniors and Seniors in the College.

**Color.** Exercises for the purpose of developing and training the color sense. The expectation in this work is not to impart skill in painting, but rather to train perception and taste as a useful factor in life.

**Drawing.** Balanced forms and freehand perspective are undertaken for their practical use as a means of expression and for training judgment and appreciation.

**Design.** Study of space division and natural forms as they apply to pattern design as the grammar of artistic expression.

**Application.** The pupil may elect to follow design into its practical application to silversmithing, pottery, embroidery or bookbinding. Or she may elect drawing in its relation to pictorial work.

Lectures on history of art, assisted by stereopticon pictures. This course includes in the first term, the rise and significance of Christian art from its development to its decline during the Italian Renaissance. The second term includes French and Spanish painting.

**D 1.** Two studio periods, two hours each; one lecture period, one hour; three hours credit. Open to Juniors and Seniors in the College.

The same subjects as in C D 1 further developed.

Lectures on history of painting assisted by stereopticon pictures. This course includes the art of the Netherlands and Germany during

the first term and that of England and America during the second term.

A course of lectures on the history, philosophy, and the appreciation of art, conducted jointly by the Professor of Art, the Professor of History and the Professor of Education, may be elected without studio practice.

One hour a week. One hour credit.

## **REQUIRED ART COURSE FOR STUDENTS IN HOUSEHOLD ECONOMY**

Students electing household economy must have had high school drawing or its equivalent. When such credit cannot be offered the pupil will be required to take art work as a condition which must be discharged by the close of the first term.

### **A 2. Domestic Art.**

Two periods, two hours each per week, two hours credit.

Drawing from symmetrical objects in out-line and in values, development of form sense and appreciation of light and dark.

Elementary design, defining use of natural forms to patterns.

Elementary water color from plants and flowers for the study and use of color, together with arrangement in spaces.

**B 2.** Drawing from casts. Water Color, Design and its application to practical usage.

Two periods, two hours each, per week. Two hours credit.

**C 2.** Drawing from casts and life, water color, design applied to embroidery; as the work of this class advances it is directed towards the special needs of Costume designers for whom critical judgment of form and color are essential to success.

Three periods, two hours each, per week.

**D 2.** Drawing from life, water color, designs applied to embroidery. Application of the principles of art to home decoration, study of period styles in furniture.

Two periods per week in studio, two hours each, one lecture period. Three hours credit.

### **A 2. Domestic Science.**

Two periods, two hours each per week, two hours credit.

Drawing from symmetrical objects in out-line and in values, development of form sense and appreciation of light and dark.

Elementary design, defining use of natural forms to patterns.

Elementary water color from plants and flowers for the study and use of color, together with arrangement in spaces.

A student in domestic science who is discovered to have a natural disability for the acquirement of art technique, may after the expiration of the Freshman year be carried in a special art class, the expectation being that she will receive through especially adapted study of the principles and examples, an equivalent educational result. The instructor will determine whether the student should continue in the regular technical course as outlined below, or should be permitted to enter a course less technical in its nature to be designated as BS 2, CS 2, DS 2.

Students who do not successfully complete the regular technical course will be entered in the college records as not eligible to a teaching position in which art is expected.

**B 2.** Drawing from casts. Water Color, Design and its application to practical usage.

Two periods, two hours each per week. Two hours credit.

**D 2.** Two one hour periods; two hours credit.

Lectures on the application of the principles of art to home furnishing, period styles in furniture, arrangement and decoration of the table, types of china and pottery, wall decoration and draperies, visits to the studios of professional decorators, observation and study of successfully furnished interiors, exercises in planning simple and inexpensive home surroundings. Schedule permitting, it will be possible to arrange for studio work, for which credit will be given.

---

### STUDIO COURSES.

These courses may be followed by students desiring specific art study without obligations to the regular courses such as examinations, academic studies or previous preparation. The instruction aims at giving thorough professional training, but no official recognition or certificate is given in connection with it.

Pupils are permitted, however, to take examinations, and their grade is recorded. It is accordingly possible to claim credit towards future graded work should the desire arise.

In these courses, somewhat as in the courses of drawing A 1, B 1, etc., the work is progressive, graded according to the skill required, and the designation, (e. g. B C D S 25) does not imply that Sophomore and Senior work is all included in one class. Students will be classed according to the grade of work done.

Studio pupils are not limited to the hours prescribed but are permitted to specialize.

Students may enter studio classes at any time for a period of not less than a half term. Tuition charges will be reckoned from the date of entrance.

*The enumeration and description of the studies which follow are not accompanied by a statement of hours as these differ with each course. The tabulated courses should be consulted to ascertain the credit assigned.*

#### **A S 3.\* Form Study.**

This work includes the first steps necessary in the development of the form sense. The appreciation of direction, balance proportion and values is awakened through exercise in line, and light and dark.

MISS TROY, MISS BUTLER

#### **A S 4. Freehand Perspective.**

This study teaches the principles which underlie sketching from nature and from still life. The training of the eye to distinguish appearance from fact, and of the hand to skillful delineation of either are necessary steps to pictorial expression.

MISS TROY, MISS ROMAN, MISS BUTLER, MISS WOGAN

#### **B S 4.**

Advanced practice in perspective, sketching from nature.

MR. W. WOODWARD

#### **A S 5. Cast Drawing.**

The cast model is used to overcome the first difficulties of drawing, and of light and shade. Careful discipline is given in line and proportion, in the delineation of ornament and of the human head and figure, and in the relative values of light and shade.

MISS ROMAN, MRS. SMITH, MISS WOGAN

#### **B S 5.**

In the advanced grade the principles and methods are the same. The human head and figure are the special subject of study.

MR. W. WOODWARD

#### **A S 6. Elementary Water Color Painting.**

Admission is granted to the painting classes at the outset in the student's development, in the belief that the training of the color sense should accompany that of form.

Plants, flowers, etc., are painted on a white ground with careful reference to drawing and arrangement within given space.

MISS ROMAN, MISS BUTLER, MISS TROY, MISS WOGAN



**B C D S 6. Water Color Painting.**

Advanced water color takes up the pictorial problem. Still life and flowers are studied with reference to light and shade, perspective textures, modifications by juxtaposition. Landscape painting is included in fourth year course, which may be elected instead of oil painting.

MRS. SMITH

**O D S 7. Oil Painting.**

This course is essentially similar in method and aim to C 6.

MR. E. WOODWARD

**Design.**

The study of Design is considered important in the education of all art workers, but for the decorator it becomes fundamental. Instruction is based upon the study of drawing, color, plant forms, historic and contemporary ornament. The pupil is taught to observe the forms and colors of plants, trees and landscapes, recognize the influence of locality in the development of artistic expression.

MR. E. WOODWARD

**A S 8. Elementary Design.**

The elementary principles which underlie pattern are developed parallel with handskill, using paste, paper and cardboard. Simple book and portfolio construction are finally united in design application.

MISS TROY, MISS ROMAN, MISS BUTLER

**B S 8. Theoretic Design.**

This class treats exclusively the problems of pure design as they arise in patterns of form and color.

MRS. SMITH

**C S 8. Advanced Design.**

Applicable in book decoration, jewelry, pottery; china painting, bookplates, lettering, posters.

MR. E. WOODWARD

**D S 8. Advanced Design.**

Continues application of Design as above. The purpose is to prepare skilled designers for the needs of industry.

MR. E. WOODWARD

**C D S 9. Life Drawing.**

Drawing and painting from life is conducted from the costumed model. Prolonged and serious studies are interspersed with rapid sketches from models in short poses.

MR. W. WOODWARD

**A S 10. Mechanical Drawing.**

Elementary constructive drawing from measurement, drill in the use of Tsquare, angles and various scales.

The latter part of the course includes the designing of simple furniture.

MESSRS. E. AND W. WOODWARD

**B S 10. 1\*—Orthographic Projection; 2\*\*—Mechanical Perspective.**

\*Orthographic projection with oblique sections, penetrations and developments.

\*\*Mechanical perspective.

MR. W. WOODWARD

**S 11. Pictorial Composition.**

The object of all serious Art Study is self expression, or critical appreciation or both.

The skill developed by formal exercises in drawing, painting and design, has only negative value until employed to express thoughts, feelings and ideas.

That the student should from the outset realize this fundamental truth and exercise and develop self expression, is the purpose of this class.

On Friday afternoon the entire school is assembled for instruction in pictorial composition. Each pupil contributes a study that has been completed independently, during the week. These are exhibited together and criticised for the benefit of all.

MR. E. WOODWARD

**A S 12. Picture Study.**

Introduction to the appreciation of the work of modern masters. Brief notes prepared in the library, illustrated by prints under the direction of the instructor are required.

MISS BUTLER

**B S 13. History of Sculpture.**

This course is a brief outline of the history of sculpture. The controlling circumstances and the artistic content are examined and explained. Appreciation is a special aim. Text-book: *Reinach's Apollo*. The stereopticon lantern is a constant assistant.

MR. E. WOODWARD, MISS BUTLER

**C S 14. History of Painting.**

This course gives an outline of the history of painting from the early Christian period, through the Italian Renaissance and includes French and Spanish painting. An abstract illustrated with prints is required.

Text-book: *Van Dycks' History of Painting*.

**D S 15. History of Painting.**

This course includes an outline of the history of painting of the Netherlands, Germany, England and America. An abstract illustrated with prints is required.

Text-book: *Van Dycks' History of Painting.*

MR. E. WOODWARD

**Practical Artistic Handicrafts.**

The equipment of workshops in the Newcomb School of Art with all necessary tools and machinery for the vocational pursuit of various handicrafts, offers peculiar inducement to pupils minded to follow art work for a livelihood. As soon as a proper standard of skill is attained, the payment of tuition fees is remitted and the finished designer continues on a basis of independent production.

The pupil of exceptional talent and industry is enabled to pay her student expenses after the second year. After graduation the sale of her work ensures both livelihood and reputation.

**S 16. Silversmithing and Jewelry.**

The handicraft of working copper is taught under a reasonable requirement as to drawing and design.

Practical and effective objects such as bowls, buckles, pin trays, paper knives, spoons, etc., are subjects for class instruction.

In the advanced grades the precious metals are employed. Jewelry forms and stone setting are developed and the pupil put in possession of an artistic craft, capable of pursuit as a vocation. MISS BUTLER

**S 17. Pottery Decoration.**

The course of instruction leading to pottery decoration includes drawing, painting and design. These studies, pursued in the art school, prepare the pupil to take up easily and naturally the practical work of applied decoration.

MISS SHEPHERD

**S 18. Pottery Making.**

The following course aims to acquaint the pupil with processes of pottery making and prepare her to conduct a studio pottery as well as teach the subject.

Those who elect to complete the course with this object in view will be required to take freshman chemistry.

It is permitted, however, that the course be undertaken without chemistry and in a purely experimental way; in this case no credit will be given beyond that given as an elective in a regular art course.

The first year of this work is also permitted as an elective for the pupils of the regular course of the Art school. When thus given it is

arded as an educational introduction to the subject. A second of an advanced grade of similar work is offered. The credit counts towards the diploma in art.

### 19.

#### FIRST YEAR.

Designing of vase forms; making of forms by coiling; modeling and turning, making of simple glazes and their application, use of kiln.

### 20.

#### SECOND YEAR.

The same continued. Theory of Ceramics; testing and preparing clay for bodies; burning of body tests; composition of raw, clear and color glazes; their alterations, blends and defects; matte glazes, ceramic calculation.

### 21.

#### THIRD YEAR.

Theory and Practice continued.

A fee will be charged to cover cost of materials and fuel.

MISS SHEERER

### 22. China Painting.

China Painting may be undertaken as a specialty by those qualified in drawing and design.

Applicants not yet prepared are required to follow the classes designed to prepare for this work.

A fee covering the cost of fuel and use of kiln will be charged pupils carrying on work in excess of class exercises.

MISS SHEERER

### 23. Embroidery.

Embroidery is taught as a practical application of design. The study of design and color must precede and accompany this elective.

Newcomb embroidery, based as it is upon intensive training in the principles of art, has become one of the widely known artistic crafts of the country.

MRS. SMITH

### 24. Weaving.

Several looms are installed in connection with this handicraft. In rug weaving, towards which this work is most advantageously directed, there is endless opportunity for the designer in color.

MRS. SMITH

**A S 25. Bookmaking.**

This work is included in the freshman year of the full course under the general title of elementary design. It comprises the principles and processes which may be successfully carried on without special equipment. The problems are boxes, portfolios, desk pads, note, scrap and guest books, etc.

The course may be elected by studio pupils.

MISS TROY

**S 26. Bookbinding.**

An opportunity is here offered to students wishing to specialize and follow bookbinding as a vocation. The course includes drawing and design, lettering and page compositions, mending, binding of magazines, rebinding of old books in cloth, part leather, full leather, gold and blind tooling.

The workshop is fully equipped with all necessary machinery and apparatus.

MISS TROY

**S 27. Library Binding.**

This class is especially interesting to Librarians and those interested in the mending and rebinding of books. The work may be undertaken without art preparation.

The workshop is equipped with all necessary machinery and tools.

MISS TROY

**Education C S 28. Handicraft for Elementary Grades.**

Two hours per week. One hour credit.

This course deals with those typical forms of art work which are practical in the first six grades of the elementary school. It includes simple phases of paper and cardboard construction, weaving, basketry, the application of design to these projects, and their relation to nature study, geography, history, art, literature and other subjects.

MISS TROY

**Education D S 29. The teaching of Drawing and Handicraft in Elementary and Secondary Schools.**

Two hours per week. One hour credit.

The place of Drawing and Handicraft in education; relation to other studies, to community interests; development of lesson plans; organization of courses of study for various types of schools; use of chance material and study of amount, kind and cost of materials and equipment.

Prerequisite or parallel Education C 28.

MISS TROY

**S 30. Figure Drawing From Life.**

Students of advanced design are taught to use the human figure in connection with practical problems in composition.

MR. E. WOODWARD

**S 31. Plant Forms.**

Design is based upon natural forms. An appreciation of beauty as well as practical knowledge of construction and method of growth are developed by accurate drawing of plant forms. MRS. SMITH

**S 32. Interior Decoration.**

This subject falls under two heads. The first is developed as a cultural study relating to the principles which underlie a harmonious home setting and the solution of practical difficulties that arise in house furnishing.

The study of period styles enters into this course. Parallel reading is required.

One hour each week.

**S 33.** The second division of the subject includes the first and continues with those studies calculated to fit the student for vocational work. The course includes: Form study, water color, free-hand and mechanical perspective, constructive drawing to measurement and scale and design.

MR. E. WOODWARD

**S 34. Art Criticism.**

This course is based upon personal study in the Delgado Museum and private art collections that may be accessible. The subject and its correlation are suggested by the instructor, the pupil presenting a written criticism or appreciation weekly.

**S. 35. Drafting.**

This course offers opportunity to pupils wishing advanced standing in mechanical drawing. It includes ink tracing for blue prints and lettering.

**ADVANCED WORK FOR GRADUATES IN REGULAR ART COURSES**

The graduate work following upon four years of exclusive art work, for which a diploma has been granted, may be regarded as professional work. The student is allowed to elect a specialty and pursue it uninterruptedly for two years. Two auxiliary studies are usually advised. For example, if design be elected as a major, drawing and painting in some form supplement the choice. If painting from life be the major, design, theoretical and applied, is taken as minor study.

As no official recognition is given this work, no examinations are held, and no stated time required.

Tuition is given free for continued study of art, for a period of two years, to graduates of all regular four year art courses.

N. B. Announcements of the courses open to graduates in Art are made in the bulletin of the Graduate Department.

## SCHOOL OF MUSIC

The School of Music of the H. Sophie Newcomb Memorial College of the Tulane University of Louisiana, was established in 1909. In accordance with the general plan of the college administration the School of Music was placed upon a standard of excellence equal to that maintained by the other affiliated schools of Newcomb College. The high requirements for admission to regular courses, the advanced grade of the studies, and the efficient corps of instructors with the best European and American training and experience, enabled the School immediately to take high rank among the music schools of America.

In January, 1911, the courses of the School of Music were opened to young men, in response to a demand from male students for the grade of instruction which the School offered. The admission of men was a departure from the previous policy of Newcomb College, except in graduate classes, but seemed to be justified by the demand already evidenced, and by the absence of facilities for music study by the men of Tulane University. It was also recognized that in many branches of music study, especially those connected with ensemble work, the presence of both men and women was a necessity in order to obtain the best results.

The aim of the School is to furnish superior facilities for the study of music in all its branches. Extended practical and theoretical courses are offered: first, to regular students, who expect to follow music as a profession, either as composers, performers, teachers, or critics; second, to college students, who desire to study composition, musical history, or appreciation as elements of a liberal education; third, to special students who wish to become proficient in one or more branches of music.

---

### REQUIREMENTS FOR ADMISSION

*As Regular Students.* For requirements for admission of women see page 45.

*As Special Students.* For requirements for admission see page 210.

For requirements and schedule of entrance examinations for male applicants see page 190.

### COURSES OF STUDY

The following courses of study are offered to men and women alike:

**Regular Course leading to the Degree of Bachelor of Music.** (*See page 206*).

**Regular Public School Music Course leading in two years to Teacher's Diploma in Public School Music, or in four years to the Degree of Bachelor of Arts in Education.** (*See pages 203, 201*).

**Combined Course in Public School Music and Art.** (*See page 204*).

**Studio and Special Courses in one or more subjects leading to Certificates.** (*See page 258*).

**Courses for Teachers.** (*See page 259*).

**Courses for Academic Students Counting towards the Bachelor of Arts Degree.** (*See page 230*).

Women students in regular courses will take the required academic studies in Newcomb College.

Men students in regular courses will take the required academic studies in the College of Arts and Sciences, Tulane University.

---

### COURSE LEADING TO THE DEGREE OF BACHELOR OF MUSIC

The course leading to the degree of Bachelor of Music is intended for students who desire the basic training required for thorough musicianship. The course of study is planned for a minimum of four years and requires the satisfactory completion of 60 college hours, exclusive of physical training, in which all students must take 2 hours a week each year. A student desiring more time for practical study than is possible in the four-year course may plan to complete the course in five or six years.

Soon after entrance the natural musical ability of each student will be tested by a committee of the faculty and she will be advised concerning the probabilities of future success in the musical profession.

A candidate for graduation must show technical proficiency in one branch of practical music, the study of which has been pursued through at least four years; must be able to play accompaniments of medium difficulty on the pianoforte; must have satisfactorily completed all the required musical and academic subjects in the prescribed course of study; must give evidence of a fair reading knowledge of one modern language other than English; and must have pursued for two years certain studies chosen with the expectation of future



specialization in teaching, composing, concert performance, or work in musical criticism and the literature of music.

Before graduation each candidate for the degree will be expected to give a public recital, or to present a satisfactory original composition for voices and orchestra or an original essay representing careful investigation of a musical topic chosen at the beginning of the Senior year after consultation with the Director of the School of Music.

Credit toward the degree will be given for all work of equivalent grade in other colleges and reputable schools of music, but examinations in each subject may be demanded at the discretion of the instructor. No degree will be granted except after at least two years of residence.

For detailed course of study, see page 206.

---

### **COURSE IN PUBLIC SCHOOL MUSIC**

*Course Leading to the Degree of Bachelor of Arts in Education.*

A four years' course is offered in conjunction with the department of Education, intended for students who wish thorough preparation in the teaching and supervision of music in the public schools. The course includes the educational and academic subjects necessary for all public school teachers, and also provides a good fundamental training in music.

*Course Leading to the Teacher's Diploma in Public School Music.* The course in Public School Music has been so arranged that students who find it impossible to spend four years in college may, at the end of two years, receive a diploma and will be permitted to assume positions as teachers of music in the public schools.

Although no work in practical music is required in the course, every candidate for the degree or certificate will be expected to be able to sing simple songs acceptably and to play easy piano accompaniments. Some study of singing and piano-playing will thus be presupposed.

For detailed course of study, see page 203.

---

### **COMBINED COURSE IN PUBLIC SCHOOL MUSIC AND ART**

To meet the demand in many communities for public school supervisors of both music and art, a combined course is offered, leading in two years to a diploma, and in four years to the degree of Bachelor of Arts in Education.

For detailed course of study, see page 204.

### STUDIO COURSES

*Courses Leading to Special Certificates.* A student not wishing to pursue a full graduating course may enter any class for which she is qualified. Each student is expected to attend the Recital Class. A free class in the Elements of Theory meets one hour a week and a free class in Elementary Solfeggio meets two hours a week throughout the year for the benefit of students of piano, voice, violin or other branches of practical music. Attendance is required unless the student is excused by the Director with the instructor's consent.

A studio student who has done advanced work of superior quality in some branch of music and has accomplished satisfactorily the work of the Recital Class, Elements of Theory and Elementary Solfeggio will, upon recommendation of the instructor and approval by the faculty of the School of Music, be granted a certificate designating the character, grade, and quality of the work accomplished in either theoretical or practical music.

---

### COURSES FOR TEACHERS

Special classes in any subjects offered by the School will be formed upon application of at least ten persons who are actively engaged in teaching and who are qualified to enter the classes for which application is made. These classes will meet Saturday mornings or at hours convenient to the applicants and instructors. The work accomplished will be credited toward a certificate from the School of Music. The fees may be learned upon application to the Director.

---

### COURSES FOR A. B. STUDENTS

See announcement, Page 230.

## OUTLINE OF THEORETICAL AND HISTORICAL COURSES

*These courses are open to men and women alike. Whenever the size of the classes permits, separate divisions for men and for women will be formed.*

### THEORY, HARMONY, AND COMPOSITION

PROFESSOR MAXWELL

PROFESSOR FERRATA

INSTRUCTOR GOLDSTEIN

PROFESSOR LYON

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL"  
STUDENTS:

#### A 1.\* Elements of Theory.

Two hours a week. One hour credit. (First half-year).

A study of notation, scales, signatures, meter, accent, rhythm, marks of expression, intervals, triads, cadences.

This course or its equivalent must precede all other courses in composition. It should be taken in connection with Course A 3.

Text-book: H. B. Maryott, *Musical Essentials*.

MISS PARKER

#### A 8.\* Acoustics. Physics.

One hour a week. One-half hour credit. (First half-year).

Lectures and demonstrations. Required of all Music Students in regular courses, in connection with A 1 Theory.

MR. LYON

#### A 12.\*\* Elementary Harmony.

Three hours a week. One hour and a half credit. (Second half-year).

Continuation of Course A 1.

Scale tones and their tendencies. Triads and their inversions. Harmonization of melodies, given and original, by means of the most useful triads and the dominant seventh chord. Tone and chord perception.

MR. GOLDSTEIN

#### B C 2. Advanced Harmony.

Three hours a week. Three hours credit.

The seventh and ninth chords, modulation, altered chords, non-harmonic tones. Analysis. Three and five-part harmony. Melody and accompaniment figuration. The figured chorale. Composition applied to the elementary song and dance forms. For students who have taken Courses A 1 and A 12 or their equivalent.

Text-book: Chadwick, *Harmony*.

MR. GOLDSTEIN

**C D 4. Counterpoint.**

Two hours a week; third hour at discretion of instructor. Three hours credit.

An application of the principles of harmony is made in combining two, three, or four distinct melodies in strict and free forms. The student must have completed Course B C 2 or its equivalent.

Text-books: Spalding, *Tonal Counterpoint*, Bach, *Two and Three Part Inventions*, *Well-Tempered Clavichord*, and *371 Chorales*.

MR. MAXWELL

**D 5. Canon and Fugue.**

Two hours a week. Two hours credit.

Continuation of Course CD4, which is a prerequisite, with special emphasis upon the composition of canons in various intervals and single and double fugues.

MR. MAXWELL

**D 6. Free Composition.**

Two hours a week. Two hours credit.

In this course practice is given in original composition in various forms. The student must have shown decided musical talent in Courses B C 2 and C D 4 or their equivalent.

MR. FERRATA

**D 14. Instrumentation and Conducting.**

Two hours a week. Two hours credit.

A study of orchestral instruments and their effects singly and in various combinations is made. Assigned compositions are scored for orchestra and important orchestral works are analyzed. The principles of conducting are explained and opportunities for practice are given.

The student must have completed course C D 4 or its equivalent.

MR. FERRATA, MR. MAXWELL

**D 15. Analysis.**

One hour a week. One hour credit.

Representative compositions in the principal musical forms are analyzed with reference to the composers' use of the harmonic material and of the formal elements. Some attention is given to ear-training and dictation.

MR. MAXWELL

**FOR "STUDIO" STUDENTS:****S 32. Elements of Theory.**

One hour a week.

A separate division of Course A 1, is formed for studio students of practical music. The object of the instruction is to give each student

the elementary musical knowledge usually acquired slowly in the individual lesson. Both instructor and pupil are thus enabled during the private lessons in piano, voice, violin, etc., to give their entire attention to technique and interpretation.

MISS PARKER

*Private lessons in any theoretical subject may be arranged upon consultation with the Director.*

### SOLFEGGIO

(Sight-Singing, Ear-Training, Musical Dictation.)

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL" STUDENTS:

#### A 3. Solfeggio, Elementary.

Five hours a week. Two hours and a half credit.

No outside preparation required when students are up to grade.

This course includes both sight-singing and ear-training. Constant drill is given in singing intervals and scales from the simplest diatonic progressions with no rhythmic difficulties to wide skips within the key, with accidentals, simple modulations and rhythmic variety. Much practice is given in reading at sight simple one- and two-part songs. By carefully graded dictation, the ear is trained to recognize intervals and simple triads in all positions, and the student is enabled to write from dictation melodies containing rhythmic difficulties and simple modulations. Simple melodic dictation for two voices.

Text-book: Cole and Lewis, *Melodia*.

#### B 10. Solfeggio, Intermediate.

Two hours a week. Two hours credit.

A continuation of Course A 3. Special stress is laid upon chromatic intervals and difficult rhythmic passages. Constant sight-reading of choruses in one, two and three parts. Harmonic ear-training and dictation. Dictation in two voices.

Text-book: Cole and Lewis, *Melodia*.

#### C 13. Solfeggio, Advanced.

One hour a week. One hour credit.

The object of this course is to give additional practice in applying the knowledge of tonal and rhythmic difficulties studied in Courses A 3 and B 10. Difficult solfeggi, songs and choruses are read at sight and harmonic ear-training and dictation are continued as well as dictation in two and three voice melodies.

## FOR "STUDIO" STUDENTS:

**S 34. Solfeggio, Elementary.**

Two hours a week.

A separate division of course A 3 is formed for studio students of practical music. The object of the course is to provide ear-training and sight-singing without making requisition upon the time assigned to the private lesson.

*Private lessons in Solfeggio may be arranged upon consultation with the Director.*

---

**HISTORY AND APPRECIATION OF MUSIC**

PROFESSOR MAXWELL

**FOR REGULAR AND FULLY QUALIFIED "SPECIAL" STUDENTS:****B S 7. General History of Music.**

Two hours a week. Two hours credit.

The history of music is traced from the earliest records to modern times with special emphasis upon the period from Palestrina to the death of Wagner. The lectures and recitations are illustrated by musical works of the period under consideration. The illustrations are given by the instructor, the student, or by means of a mechanical instrument. A large amount of outside reading and frequent themes are required. There is no prerequisite for this course.

Text-books: Dickinson, *Study of the History of Music*; Parry, *Evolution of the Art of Music*.

**C D 11. Special Studies in History of Music.**

Three hours credit.

Limited periods or special phases of development in music history are assigned according to the desire and needs of the student. Weekly conferences with the instructor, detailed weekly reports, and frequent themes are required. For students who have satisfactorily completed Course B S 7 or its equivalent.

**A S 8. Appreciation of Music.**

Two hours a week. Two hours credit.

The aim of this course is to develop intelligent listeners. By means of lectures with musical illustrations, outside reading, written and oral criticisms, and practice with a mechanical instrument, the student is made familiar with important works of musical literature, the principles underlying them, and their place in musical development. So far as possible the course is made practical by the analysis of works

performed in local concerts. There is no prerequisite, but the student must be able to distinguish between different melodies and it is desirable that she have the ability to follow printed music.

### **PUBLIC SCHOOL MUSIC**

INSTRUCTOR PARKER

FOR REGULAR AND FULLY QUALIFIED "SPECIAL"  
STUDENTS:

#### **B C D 9. Methods in Public School Music.**

Three hours a week. Three hours credit.

The constantly increasing importance of music in the public school curriculum has created a demand for well-equipped supervisors and teachers of music. It is the object of this course to point out the true place and purpose of public school music and to consider the various good methods of teaching music to children in all grades of the public schools.

The student is required to teach each problem before the class, under supervision of the instructor. Frequent visits to music classes of the public schools are also required.

A special study is made of the system of books in use in Louisiana, but the student is also made familiar with all other important books and materials bearing upon school music instruction. Special students who have not studied Psychology and Pedagogy are expected to do a prescribed amount of reading in these subjects.

Before entering this course the student should be familiar with the rudiments of music and be able to sing at sight. Courses A 1 and A 3 or their equivalents should, therefore, precede this course, but may, with the approval of the instructor, accompany it. The course is open to special students in 1919-20.

#### **D 16. Methods in Public School Music, Advanced.**

One hour a week. One hour credit.

A study of various problems in public school music teaching, with special attention to work in the High School. Methods of organizing and conducting school choruses, glee clubs, orchestras, and classes in appreciation, harmony, etc., and school credits for private work in practical music are considered. Observations of actual class work in music and practice teaching are also required.

#### **A 29. Observation of Classes in Public Schools.**

One hour a week. One hour credit.

In order that the student may be prepared to observe actual class work in music intelligently, the first half-year's instruction will be a

General discussion of school room methods from the teacher's standpoint. During the second half-year the student will be required to spend at least one hour each week in the public schools. A theme describing the school visited and the work observed must be passed to the instructor for comment and criticism.

---

### CHURCH MUSIC

PROFESSOR MAXWELL

INSTRUCTOR DRUEDING

#### D 17. Choir-Training.

One hour a week. One hour credit.

The following topics are considered: the chorus choir; the boy choir; the quartet choir; selection, care, and training of voices; problems of choir management; the music of the church, including the hymn, anthem, chant, cantata, oratorio, etc.; organ music in the church service; use of other instruments; relations of the organist and choirmaster to the minister and the congregation. MR. MAXWELL

#### D 18. Gregorian Music.

One hour a week. One hour credit.

A study of plain song, accompanied and unaccompanied, as used in the Roman Catholic ritual is made. Open only to advanced organ pupils, who have made a thorough study of Harmony.

MR. DRUEDING



## OUTLINE OF COURSES IN PRACTICAL MUSIC

*These courses are open to men and women alike. Except in Ensemble and Recital Class (Courses S 27 and S 28), however, instruction will be given privately or in small classes of women or of men alone.*

*Examinations in all branches of practical music are held at the close of each half-year. Each student appears before a faculty committee of which one member is the student's teacher. The student is graded on various points of technique and interpretation by each examiner, and the average is the student's examination grade. This grade with the special teacher's judgment of the student's application and progress during the term are recorded at the college office and a report is issued upon request.*

### PIANOFORTE

PROFESSOR FERRATA

INSTRUCTOR GOLDSTEIN

INSTRUCTOR WEDDELL

INSTRUCTOR PARKER

INSTRUCTOR ROESCHNEIDER

#### **S 21. Pianoforte.**

No definite course of study is followed, but a careful selection of exercises and compositions is made according to the need of the individual student. As a basis for grading, however, the "Standard Pianoforte Course," adopted by the Louisiana Music Teachers' Association, will be used. The course follows:

MR. FERRATA, MR. GOLDSTEIN

MISS WEDDELL, MRS. ROESCHNEIDER

#### **S 30. Pianoforte Sight-Playing.**

One hour a week. One hour credit.

Practice in playing at sight is given in classes, progressing from elementary pieces through the sonatas of Clementi, Haydn, Mozart, etc., to more difficult compositions. To enter this class a technical proficiency in piano playing equivalent to Grade VI.

MR. FERRATA

#### **S 30-a. Pianoforte Sight-Playing, Studio Class.**

One hour a week.

A class for sight-reading and ensemble at the pianoforte is offered by Mrs. Roeschneider for her studio students.

MRS. ROESCHNEIDER

**§ 35. Pianoforte Repertoire and Interpretation.**

One hour a week. One hour credit.

Great pianoforte compositions will be played in class by the students and the instructor. Suggestions concerning the best interpretations of the work and advice in mastering difficulties will be given. This class is intended only for pianists with considerable technical ability, since each student will be expected to play when requested. Open in 1919-20, if at least five students apply. MR. FERRATA

**CDS 33.\*\* Normal Course for Pianoforte Teachers.**

One lesson a week. (Second half-year.) One-half hour credit.

The course is planned to meet the needs of: first, prospective teachers without teaching experience, and unacquainted with the principles involved; second, teachers requiring more complete and exact knowledge of pianoforte teaching methods than their experience has given them. Special emphasis will be placed on the important subject of elementary foundation teaching.

The following subjects will be considered:

The development of the elementary phases of pitch, pulsation and duration with their expression singly or in combination, both vocally on the staff and pianistically.

The first steps in ear training and solfeggio.

Developing of musical memory.

Elementary technical exercises.

MISS PARKER

**VOICE**

PROFESSOR MAXWELL

INSTRUCTOR BUCKNER

INSTRUCTOR DEL VALLE

**§ 22. Voice.**

In general the instruction aims to follow the old Italian "bel canto" school of singing, but good features of other schools are also introduced. The student is required to obtain a strong technical foundation, breath control, a well-placed tone, pure intonation and attack, etc., before songs are taken up. In the preparatory work such exercises as those of Sieber, Marchesi, Concone, Vaccai, Viardot, Lankow, etc., are used. The ability of the pupil determines the time when the study of songs begins. Songs and arias by great song and opera composers are selected according to the voice and temperament of the student, standard renderings are shown, and then the pupil is encouraged to work out his own interpretation. The student is required to memorize all songs studied.

MR. MAXWELL, MISS DEL VALLE, MISS BUCKNER

**S 31. Song Repertoire and Interpretation.**

One hour a week. One hour credit.

Masterpieces of song will be studied with special attention to standard interpretations, diction, and the union of poem, vocal melody, and piano accompaniment. The historical background of important songs and their place in relation to music and literature will be considered and various methods of program-making discussed. This course is primarily intended for (1) singers far enough advanced to overcome the technical difficulties of the songs studied, (2) pianists who wish to make a specialty of song accompaniment, and (3) active or prospective teachers of singing. Each student is required to take an active part in the class meeting, either by actual performance or in discussion. Open in 1919-20, if at least five students apply.

MR. MAXWELL, MISS DEL VALLE

**VIOLIN**

INSTRUCTOR SCHUYTEN

**S 23. Violin.**

Before beginning the study of violin the pupil should know the elements of music, viz., scales, keys, pitch-names, rhythm, etc. (*For detailed outline, see Special Bulletin of the School of Music.*) Parallel to these courses the special student is advised to study theory, harmony, and solfeggio.

**ORGAN**

INSTRUCTOR DRUEDING

**S 24. Organ.**

To begin the study of organ an elementary knowledge of piano-playing is required. Special students of the organ are also advised to follow a course in harmony in connection with the work on the instrument. (*For a brief outline of the plan of the course, see Special Bulletin of the School of Music.*)

See also courses under "Church Music," page 265.

**VIOLONCELLO**

INSTRUCTOR FINCK

**S 25. Violoncello.**

A course of study in nine grades, approved by several European conservatories, will be followed. (*For detailed outline, see Special Bulletin of the School of Music.*) Collateral studies in theory, harmony, solfeggio, sight-playing, transposition, and ensemble-playing, are required for the completion of the course.

**ORCHESTRAL INSTRUMENTS****S 26. Woodwind, Brass and Percussion Instruments.**

Instruction is offered upon demand in woodwind, brass and percussion instruments used in symphony orchestras. In connection with these courses training in orchestral routine is given and practice in orchestral ensemble required.

(Instructors to be appointed)

**CHORUS, ORCHESTRA AND OTHER ENSEMBLE CLASSES****S 27. Ensemble Classes.**

Students in all departments of practical music are required to join the classes in Ensemble when technically capable. The classes take up many varieties of work for different combinations of instruments and voices. Students of piano are given practice in the accompaniment of voices and other instruments as well as in four and eight-hand playing. Students of voice are trained in duets, trios, and quartets, in addition to chorus practice in College organizations. Students of stringed and wind instruments are instructed in chamber music and orchestral routine.

During the session of 1919-20, in addition to special classes in Ensemble organized at the discretion of the instructors in practical music, the following classes will be offered:

**S 27-a. University Chorus.**

One hour a week. One half-hour credit.

A mixed chorus, composed of Newcomb and Tulane students, faculty and other interested singers, meets one night each week (holidays excepted) from November to May, for the rehearsal of a selected oratorio or other important choral work. A public concert with soloists and orchestra is held early in May. Students of the School of Music are expected to become members and other singers will be accepted.

MR. MAXWELL

**S 27-b. Orchestral Class.**

One meeting a week. One half-hour credit.

The object of this class will be threefold: 1) to give practice to instrumentalists in orchestral ensemble and sight-reading; 2) to analyze various musical forms, and to make the student familiar with the standard orchestral literature; and 3) to enable students of composition to hear their works performed.

The parts for instruments not represented in the class may be supplied at rehearsals by an harmonium.

An opportunity is offered to sufficiently advanced students of or-

musical instruments, who are not under the private instruction of teachers connected with the School of Music, to join this class.

MR. SCHUYTEN

### **§ 27-c. Violin and Piano Sonata Class.**

One hour a week. One half-hour credit.

Advanced students of violin and piano meet regularly for the practice of standard sonatas.

MR. SCHUYTEN

## **STUDENT RECITALS**

### **§ 28. Recital Class.**

One half hour credit.

Weekly recitals of about one hour's duration are given by members of the faculty, advanced students of the School, and other musicians. The aim of these recitals is to furnish frequent opportunity for students to appear in public, and to enable them to hear a great deal of good music and to become familiar with famous composers and their works. All students of the School of Music are expected to attend these recitals and to keep note-books containing the programs, supplemented by personal criticism. These note-books must be held ready for inspection by the Director whenever called for.

Admission to the recitals is free to students of the School of Music.

## **ACADEMIC COURSES REQUIRED OF REGULAR STUDENTS**

Women students in regular courses take the required academic courses in Newcomb College.

Men students in regular courses take the required academic courses in the College of Arts and Sciences. (*For description of courses see announcement of College of Arts and Sciences.*)

## **SYSTEM OF INSTRUCTION**

Instruction in the theoretical, historical, and academic courses is given entirely in classes by means of lectures and recitations. By special arrangement a student unable or not wishing to attend the regular classes at the schedule hours may have private lessons in the theoretical courses. The fees and hours for private lessons may be learned upon application to the Director.

Instruction in practical music is individual.

Classes of two or three for half-hour lessons may be formed for the benefit of those who cannot pay the regular fee for individual instruction.

Classes in Practical Music containing both men and women students (except in Ensemble and Recital Class) are never formed.

### **PRACTICE**

Practice rooms with pianos are provided in the music buildings and, except when special arrangements are made, all students are required to practice regularly in these rooms under the direction of the Supervisor of Practice.

Regular practice hours are assigned to each student, and she is required to report to the Supervisor of Practice at the beginning and end of each period. If any deficiency is found in an instrument it must be reported at once to the Supervisor. Otherwise the student using the instrument immediately before the discovery of the deficiency will be held responsible.

The college organ is available for practice by students of the organ.

---

### **CONCERTS, RECITALS, AND LECTURES**

Public concerts and recitals are given at frequent intervals by visiting artists, members of the faculty, and advanced students. Lectures by authorities on musical topics are also occasionally arranged for the benefit of music students. These concerts, recitals, and lectures, are given under the auspices of the School of Music, and admission is free to students.

During the past year (1918-19), two graduating recitals and twenty-two afternoon recitals have been given. (*For list of recitals and concerts, composers and performers, see special bulletin of the School of Music.*)

---

### **CONSERVATORY ADVANTAGES**

Private instruction with the advantages of class stimulus.

Free classes in Elements of Theory and Elementary Solfeggio and consequent saving of time in private lessons.

Weekly recitals with free admission and the opportunity to hear and understand the best music.

Frequent opportunity for public performance when sufficiently advanced.

Free admission to concerts, recitals, and lectures under the auspices of the School of Music.

Practice in ensemble playing and singing of all kinds.

Participation in college organizations and activities.

Superior instructors of the best American and European training and experience.

Musical atmosphere with the stimulus of friendly competition.

# **SCHOOL OF HOUSEHOLD ECONOMY**

## **REQUIREMENTS FOR ADMISSION**

For requirements for admission as regular students, see page 45.

For requirements for admission as special students, see page 210.

## **COURSE OF STUDY**

The School of Household Economy has as its field the arts and sciences concerned in the sanitary, economic and aesthetic aspects of food, clothing, and shelter as connected with their selection, preparation, and use by the family in the home. It offers also educational courses for the training of teachers of these subjects in schools of various types and grades.

In the training in household industries there develops an interest in the home that is not possible with any other school subject. This training and this interest will create better home makers. Academic culture is applied to the solving of home problems. Chemistry and biology correlate with sanitation and nutrition; physics makes plain the construction and operation of household equipment; art teaches design and beauty in clothing and house furnishing; modern language adds its mental training; English aids the student's ability to express thought, the library course trains in the use of books and in the organization of subject matter; physical education increases efficiency by attention to health; psychology and education give knowledge which enables the mother or teacher to guide the child mind; economics makes clear some principles of the world's work, and develops alertness to relationships between the outside world and the home.

Conditions brought about by the war have made clear the need for trained managers of institutions of all kinds. The National Food Administrator in 1918 called attention to the fact that women trained in home economics will find themselves called to places of usefulness far surpassing in number and responsibility anything heretofore thought possible. Issues that demand the rarest talent and the highest scientific training await their attention.

The new College Residence offers excellent opportunity for training in institutional management, opening the way for managers of hotels, clubs, college dormitories and other institutions. Every facility for intelligent study of the operations of the College Residence, as an in-

tution, will be afforded properly prepared students in home economics.

A course of two years leading to a diploma, and a course of four years leading to the degree of B. A. in Education, are offered. (*See page 197.*)

The required courses in Domestic Science and Domestic Art are grouped below for the four years; that is, a regular Freshman must take all subjects under the heading A 1, and so on.

For tuition, *see pages 194, 195.*



# COURSES OF INSTRUCTION

## DOMESTIC SCIENCE

PROFESSOR BOYER

### A 1. Foods and Household Management.

Three periods (two hours each). Three hours credit.

a. **Cookery.** Application of heat to food materials and its effect upon the proteins, fats and carbohydrates; cost of foods, building of meals. Experimental methods used.

b. **Nutrition.** Composition, food value, digestibility of foods, invalid cookery, feeding of children, economical cookery in meals, cost and caloric values of these meals worked out by students.

c. **Household Management.** Problems of housewife: methods of buying, of cleaning, of arranging the housework, household accounts, division of income, operating expenses, management of servants, family life. Excursions to bakery, cracker factory, packing house, dairy. Half of this period given to household physics. (Physics A 7.)

### B 2. Foods and the House.

Three periods a week, two hours each. Three hours credit.

a. **Food Production.** Food products in relation to agriculture, manufacture, commerce, adulteration. Excursions to cotton seed oil factory, candy factory, hotel kitchens, coffee plant, various exhibits and other places where foods are handled on a large scale. Lectures, readings, discussions, field work.

b. **Cookery.** Advanced practical work. Study and comparison of best books on subject.

c. **House Construction, one-half year. Meal Service, one-half year.** Building materials, costs, arrangement of rooms, sanitation, heat, light, decoration and furnishing of house. Marketing, preparation and assembling of foods in meals, a series illustrating the cookery of various nations and of vegetarians.

### B 3. Theory and Practice of Teaching Domestic Science.

Two hours a week. One hour credit.

The qualifications and preparation of the teacher; the various grades of pupils, and their needs; courses of instruction, making of lesson plans; cost of lessons, planning of laboratory equipments, observation and teaching of lessons.

**4. Foods and the Household.**

Two periods, three hours each. Three hours credit.

**Experimental Cookery.** Different methods of cooking the same material, close observation of results with deduction of principles; specific local food problems.

**5. The Household.** The history of the family, incomes and expenses, standardization of homes, practical work in housefurnishing.

**D 5. Foods and Education.**

Six hours. Five hours credit.

**a. Dietetics.** Three hours, one-half year. Feeding of children; school lunch room; institutional management. Recitations; discussions; field work; reports.

**b. Demonstration Lectures.** Three hours, one-half year.

This course prepares students for work before classes and clubs, and affords opportunity for work with unusual foods and luxuries.

**c. Education for the Home.** Two hours, or four hours for a half year. History of the movement; contents and system of work as given in elementary, secondary, collegiate, normal and rural schools, and social settlements, both in this country and abroad. Schools are visited, equipments planned, exhibits arranged, courses of study worked out for various kinds of schools.

**d. Theory and Practice of Teaching Domestic Science.**

One hour. Built on B-3 and includes thorough practice in teaching with observations and lectures.

**S 6. Cookery.**

One period (two hours).

This is a brief course for students in the college of arts and sciences and deals mainly with the preparation of meals. No credits allowed.

**N. B.** Students in Domestic Science must take the required work in Art (A B 2) in the Freshman and Sophomore years, and one further course. (See under Art D 2, page 248.)

**DOMESTIC ART**

PROFESSOR SHELLEY

The courses in Domestic Art provide instruction in all phases of sewing; beginning with sewing in its simplest form and leading to the making of garments, art needle work and millinery.

**A 1. Textiles and Clothing, I.**

Three periods (two hours each) a week. Three hours credit.

This course teaches the fundamental principles of hand and machine sewing; their application to undergarments, tailored waist and skirt and lingerie gown. It includes taking accurate measurements, use of patterns, choice and economical cutting of materials, fitting garments, comparison of cotton and linen fabrics for economical purposes. It aims to develop a taste for simplicity and beauty, to create an appreciation of hand work and a sympathy for the worker.

### **B. Textiles and Clothing, II.**

#### **B 2. Dressmaking.\***

Two periods (two hours each) a week. One hour credit.

This course teaches the principles of design in dress, the adaptation of line to the individual; simple construction lines in building a gown; color harmony; how to select colors for individuals; the principles of dressmaking, cutting, fitting, making and finishing lined gowns. Each student makes a simple gown of material suitable for informal wear. The development of individual and artistic dress is the aim of this course.

#### **B 2. Millinery.\*\***

Two periods (two hours each). One hour credit.

This course includes the construction and trimming of hats beginning with the use of foundation materials, designing and drafting patterns and copying approved models. Special emphasis is laid upon individuality. Each student designs and completes one hat of each type, buckram shape covered, straw hat on wire shape, net hat on wire shape and embroidery or lace hat on wire shape.

#### **B 3. Textiles.**

Two periods (one hour each). One hour credit.

This course includes a study of the development of primitive peoples, their simple devices used to procure food, clothing and shelter; the beginning of industries; the origin of inventions; the culture of cotton, linen, wool and silk fibres; the processes involved in preparing them and spinning them into thread; their manufacture into cloth; a brief study of the machinery used, both early and modern types; a comparison of the different kinds of cloth for economic values; making simple tests for adulterations; making charts showing mounted specimens of various materials with a statement of their widths and prices of each.

#### **B 4. Theory of Teaching Domestic Art. Lectures and Practice Teaching.**

One hour a week. One hour credit.

This course considers the relation of Domestic Art to education, its relation to the curriculum, the method of teaching it in schools, the planning of lessons and courses of study, and problems of cost and equipment.

### **C. Costume Study, I.**

#### **C 5. Advanced Dressmaking.\*\***

One period a week. One hour credit.

This course includes a thorough study of line and color in dress, a study of the best methods of constructing and finishing gowns for formal wear, the application of same.

#### **C 6. Pattern Making, Drafting and Draping.**

One period (three hours). One hour credit.

This course gives practice in the drafting, cutting, fitting and designing of patterns in crinoline modelling as illustrative of fitting and drafting. All foundation patterns are drafted to measure and fitted. Shirtwaists, skirts, sleeves etc., are designed in cambric from foundation drafts; more elaborate designs are draped on the form without patterns. Pinned paper patterns are made.

#### **C 7. Advanced Millinery.**

One period (two hours each). One hour credit.

In this course expert workmanship and speed will be emphasized as well as artistic effects. Students will make several of each type of hat in order to acquire technical skill. Original designs will be used and copying of approved models will be permitted.

#### **C 8. History of Costume.**

One period. One hour credit.

This course includes a survey of costume ancient and modern. The course aims to be of use to teachers of dressmaking and costume design.

### **D. Costume Study, II.**

#### **D 9. Costume Design.**

One period a week, three hours. One hour and a half credit.

This course includes the application of design and color harmony to costume, sketching of costume in pencil, ink and water color, drawing from the costumed model the adaptation of classic line to the modern dress.

#### **D 10. Artistic Gowns.**

One period a week, three hours. One hour and a half credit.

This course teaches draping and modelling for patterns and artistic effects, the adaptation of classic line to modern gowns, the making of artistic gowns for evening wear.

**D 11. Embroidery.**

One period a week, two hours. One hour credit.

This course aims to give the necessary stitches used in decorative art, and the application of these principles in the completed article. It considers the question of art in applied design.

**D 12. Organization and Administration of Domestic Art.**

One hour a week. One hour credit.

This course considers the place of domestic art in modern education; with the aim and various phases of the work in both America and Europe, in elementary and secondary schools, colleges, and normal training schools, manual training, technical and trade schools. The practical work includes personal investigation in various schools, giving lectures, planning and equipping departments, and planning exhibits.

The following courses in Fine Art are required of all students taking the regular course in Domestic Art:

**A 2. Art.** Two periods, two hours each, per week.

Drawing from symmetrical objects in out-line and in values, development of form sense and appreciation of light and dark.

Elementary design, defining use of natural forms to patterns.

Elementary water color from plants and flowers for the study and use of color, together with arrangement in spaces.

**B 2. Art.** Two periods, two hours each, per week.

Drawing from casts and other objects, for discipline of hand and eye. Water color studied from flowers and plumage.

Design particularly devoted to color harmony and space division.

**C 2. Art.** Three periods, two hours each, per week.

Drawing from casts and life, water color, design; as the work of this class advances it is directed towards the special needs of Costume designers for whom critical judgment of form and color are essential to success.

**D 2. Art.** Two periods per week in studio, two hours each, one lecture period. Students in Domestic Science take a part only of this course (or of the course C 2,) and receive two hours credit.

**Drawing from life, water color, designs applied to embroidery. Application of the principles of art to home decoration, study of period styles in furniture.**

**The studies made from life become the forms on which are draped the students' original costume designs.**

**A course of special lectures is provided the students of Domestic Science, including arrangement and decoration of the table, types of china and pottery, wall decoration and draperies, visits to the studios of professional decorators observation of successfully furnished interiors; exercises in planning simple, inexpensive home surroundings.**

## GRADUATE DEPARTMENT

### FACULTY—1918-1919

ALBERT BLEDSOE DINWIDDIE, M. A., Ph., D., LL. D., President  
of the University.

ROBERT SHARP, A. M., Ph. D., President, *Emeritus*.

PIERCE BUTLER, A. M., Ph. D., Dean, and Professor of English.  
WILLIAM BENJAMIN SMITH, A. M., Ph. D., LL. D., Professor of  
Philosophy, *Emeritus*.

FREDERICK WESPY, Ph. D., Professor of German, *Emeritus*.

WILLIAM WOODWARD, Professor of Drawing and Painting.

ELLSWORTH WOODWARD, Professor of Drawing and Painting.

BRANDT VAN BLARCOM DIXON, A. M., LL. D., Professor of  
Philosophy.

WILLIAM HENRY CREIGHTON, U. S. N., Professor of Mechanical  
Engineering.

MORTON ARNOLD ALDRICH, Ph. D., Professor of Economics and  
Sociology.

WILLIAM BENJAMIN GREGORY, M. M. E., Professor of Experi-  
mental Engineering and Mechanism.

DOUGLAS SMITH ANDERSON, A. M., Professor of Electrical En-  
gineering.

REGINALD SOMERS COCKS, A. M., Richardson Professor of  
Botany.

JAMES ADAIR LYON, A. M., D. Sc., Professor of Physics.

MARY LEAL HARKNESS, A. M., Ph. D., Professor of Latin.

SUSAN DINSMORE TEW, Ph. D., Professor of Greek.

IRVING HARDESTY, A. B., Ph. D., Professor of Anatomy.

CHARLES WARREN DUVAL, M. D., Professor of Pathology and  
Bacteriology.

\*\*JOHN CHRISTIAN RANSMEIER, A. M., Ph. D., Professor of  
German.

EDWARD AMBROSE BECHTEL, Ph. D., Professor of Classical  
Languages.

MAX HELLER, M. L., Professor of Hebrew.

ABRAHAM LOUIS METZ, M. Ph., M. D., Professor of Chemistry.

\*\*Owing to the Acts of the General Assembly of Louisiana of 1918, the instruc-  
tion in German has been suspended.

- JOHN MADISON FLETCHER**, Ph. D., Professor of Experimental and Clinical Psychology.
- DONALD DERICKSON**, C. E., Professor of Civil Engineering.
- MARY CASS SPENCER**, M. S., Professor of Mathematics.
- MELVIN JOHNSON WHITE**, Ph. D., Professor of History.
- J. HARRY CLO**, M. S., Ph. D., Professor of Physics.
- ALPHONSE MARIN LAMESLÉE**, A. M., Professor of French.
- CHARLES SAMUEL WILLIAMSON, JR.**, M. S., Professor of Industrial Chemistry.
- WALTER EUGENE GARREY**, Ph. D., M. D., Professor of Physiology.
- MATTHEW THOMPSON McCLURE, JR.**, Ph. D., Professor of Philosophy.
- IMOGEN STONE**, A. M., Associate Professor of English.
- WILLIAM PRENTISS BROWN**, A. M., Associate Professor of English.
- †**JAMES EDWARD ROUTH**, Ph. D., Associate Professor of English.
- HAL WALTERS MOSELEY**, M. Sc., M. A., Associate Professor of Chemistry.
- IRENE AGNES McCULLOCH**, Ph. D., Associate Professor of Biology.
- ERNEST HENRY RIEDEL**, A. M., Ph. D., Assistant Professor of Classical Languages.

### COMMITTEES

**Committee on Graduate Studies:** Professors BUTLER, CREIGHTON, BECHTEL, RANSMEIER, TEW, HARDESTY, McCLURE, ANDERSON, CLO.

**Committee on Membership and Courses:** Professors DINWIDDIE, ANDERSON, HARDESTY.

---

†Resigned.



## GENERAL STATEMENT

1. The Faculty of Graduate Studies of the Tulane University of Louisiana offers to men and women the opportunity of extending and rendering more thorough the scholarship obtained in undergraduate courses, and of advancing the boundaries of knowledge by specialized work and original research.

2. The privileges of this Faculty are extended to graduates of this University or of other institutions of equal grade. The general scope of the graduate instruction offered in any subject may be gathered from an inspection of the statements in the Courses of Instruction. The work of graduate students is expected, however, to be in a measure independent of the regular courses of instruction. Some of the graduate courses offered may be elected in the Senior year by properly prepared undergraduate students. Work done in this way, however, before the attainment of the bachelor's degree will not be allowed to count as graduate work if the student afterwards become a candidate for an advanced degree. Nor will any work of undergraduate grade done by a graduate student be, as a rule, credited toward an advanced degree; but certain courses primarily for seniors will be open to graduate students and may, at the discretion of the Committee on Graduate Studies, be counted towards an advanced degree.

3. Properly prepared students who have not attained a baccalaureate degree and who are not candidates for a degree may be admitted, it being understood that the work undertaken by them must be all of a grade higher than that required for the baccalaureate degree. The admission of such students will be upon sanction of the professors under whom they are to study and of the Committee on Graduate Studies. The graduate work done by this class of special students shall in no case count toward the acquisition of an advanced degree.

4. Tulane University will not confer advanced degrees on students who have not obtained a baccalaureate degree.

5. All graduate students will be considered merely resident graduates, not candidates for a degree, unless admitted to candidacy for a degree by the Dean of the Faculty of Graduate Studies after formal application.

6. Applicants for advanced degrees are required to announce their proposed courses to the Dean within two weeks after the opening of the session.

7. Applicants for advanced degrees may, at the discretion of the Committee on Graduate Studies, receive proper credit for graduate work done either in private study or at another university; but these degrees will not be granted unless applicants have been graduate students at this university for at least one year. No student shall be allowed to take a graduate course in a department in which he has not completed one or more courses of advanced undergraduate grade.

8. The privilege of completing *in absentia* a portion of the work required for advanced degrees shall depend, in the case of each student, upon the decision of the Committee on Graduate Studies.

9. Candidates standing examinations for advanced degrees more than three years after the beginning of their graduate study must satisfy all requirements adopted in the interval.

10. Graduate classes of fewer than three students will be formed only at the discretion of the professor concerned.

11. The choice of minor subjects may be made only after consultation with the professor in charge of the major subject and the Dean.

12. The unit for estimating the quantity of graduate instruction is a graduate course, representing *not less* than two hours per week of classroom instruction or *not less* than four hours per week of laboratory work, and representing also additional study under special direction. The amount of study thus required is such that four graduate courses, or their equivalent, together with the preparation of a Master's thesis, are expected to occupy the entire time for a year of a well prepared and able graduate student.

13. At the close of the academic year, each professor shall file with the Registrar a record of the year's work of each graduate student, showing, first, the quantity of each student's work, stated in graduate courses, as defined above, and second, the quality of his work, stated in terms of the same system of grades as is used in the undergraduate college.

14. The final examinations for all advanced degrees shall be conducted jointly by the professors in charge of the major and minor subjects, and shall be oral, or oral in part.

15. Copies of theses for advanced degrees must be deposited with the Registrar not later than the first day of April of the year in which the degrees are sought. The thesis must show literary merit. It must be submitted in typewritten form, on unruled paper of good quality, 8½x11 inches in size, with a margin of one inch on the four sides of the page. The title page shall contain the words: "Submitted to the

Faculty of the Tulane University of Louisiana in partial fulfilment of the requirements for the degree of ———." A full list of authorities and books consulted and a short biographical sketch suitable for publication must be appended.

### DEGREES

16. The degrees of **Mechanical Engineer**, **Civil Engineer**, **Electrical Engineer**, and **Chemical Engineer** are conferred upon fulfilment of either of the following groups of requirements:

(a) One year of resident study of not less than four graduate courses, devoted to one major and one minor subject, together with an examination and appropriate thesis showing power of original investigation; or

(b) Two years of professional work *in absentia*, to be approved by the Committee on Graduate Studies, an examination, and a thesis based on original investigation.

17. The requirements for the degree of **Master of Architecture**,\* conferred upon candidates holding the degree of Bachelor of Architecture from this institution, or from an institution of like standing, include:

1. Two years of resident study.
2. One major and two minor subjects.

The major requirements are subdivided as follows:

(a) Advanced Architectural Design—the Beaux Arts Class A course, or equivalent.

(b) Research in Old Architecture of New Orleans.

The minor subjects may be selected from the following list: English, French, Heating and Ventilating, Economics, and Sociology, Philosophy, Physics, (Acoustics of Buildings), Structural Engineering, Sanitation and Civic Improvements, or some other subject approved by the Dean and the Professor of Architecture.

In case a student elects a minor subject which he is not qualified to take the first year, he must complete the preparatory requirements for the subject during the first year and take the minor in the second year.

If the requirements for a minor are completed in the first year, the student must elect in the second year an approved subject equivalent to not less than two hours a week for each minor completed.

18. The degree of **Master of Arts** or **Master of Science** is conferred upon students who complete successfully advanced study in

\* Courses for this degree are not at present being offered.

ne major subject and one or two minor subjects, amounting to *of less* than four graduate courses, who pass a final examination, and who present a satisfactory thesis within the field of their major subject. If one minor be chosen, not less than one half of the courses taken shall be in the major subject. If two minors be chosen, then to these two together shall be devoted one half of the total time, and the remaining half shall be devoted to the major subject.

19. The major and minor subjects must be chosen with the approval of the Dean and of the head of the department in which the major subject lies, and they must be closely related subjects. At the discretion of the Dean and of the instructor in the major subject, the candidate may be required to complete more than the minimum of four courses.

20. A well prepared and able graduate student may find it possible to attain his Master's degree after one year of graduate study, provided he devotes his entire time for one year to this study and does not undertake teaching, tutoring, or any other outside work whatsoever. The amount of time is, however, of secondary importance, the satisfactory completion of the work being the final consideration.

21. A student who is not giving his time and thought exclusively to graduate study must expect to spend more than one year in preparation for the Master's degree, and will not be permitted to elect in a single year more than the equivalent of three graduate courses, unless the circumstances are exceptional, and then only by special action of the Committee on Graduate Studies.

22. In many cases a reading knowledge of two modern languages will be found necessary for the prosecution of studies in other subjects than these languages, and such a knowledge should be possessed by all candidates for the Master's degree.

23. The Master's thesis should demonstrate accuracy of thinking, clearness of expression, and ability to carry on independent investigation.

24. Candidacy for either the Master of Arts or the Master of Science degree is open to those holding the Bachelor's degree of this University or a degree obtained elsewhere representing an equivalent of the work required for said degree in this University, provided such Bachelor's degree represents undergraduate work fundamental to the special graduate work proposed and is approved as sufficient by the head of the department in which the major subject for the Masters' degree is chosen and by the Committee on Graduate Studies.

**25.** The degree of **Master of Science** is considered more expressive of achievement in those departments of the University which are concerned with the pure and the applied sciences, and the attainment of this degree is restricted to such departments. For this reason, certain departments of the School of Medicine of this University are open for graduate work to candidates for the degree of **Master of Science**, provided the candidates conform to all the requirements of the Faculty of Graduate Studies and to all requirements for entrance to the School of Medicine and provided that within the School of Medicine courses considered prerequisite to the subjects chosen have been completed. The subjects in which graduate work may be chosen by candidates for the degree of **Master of Science** comprise Dissectional and Microscopic Anatomy, Human and Comparative, including Neurology; Bacteriology; Pathology; Physiology; and Physiological Chemistry.

**26.** Students pursuing the combined course leading to the Bachelor's degree and the degree of **Doctor of Medicine** may, upon receiving their Bachelor's degree, be admitted to candidacy for the Master's Degree, and likewise students entering the School of Medicine with the Bachelor's degree may be admitted to candidacy for the Master's degree, provided in either case that there be done work sufficient, both in quality and in quantity, to meet the requirements for the Master's Degree. No work shall be counted both toward the degree of **Doctor of Medicine** and toward the degree of **Master of Science**.

**27.** The Master's degree may be made a stepping-stone to the degree of **Doctor of Philosophy**.

**28.** The degree of **Doctor of Philosophy** is conferred upon students who complete successfully advanced study embracing a major subject and two minor subjects, amounting to at least twelve graduate courses, who pass a final examination, and who present a thesis within the field of their major subject, showing power of independent investigation, and embodying original research or creative scholarship.

**29.** The requirement for each minor subject is one-half as much as is required for a major subject.

**30.** Not less than three years, entirely devoted to graduate study, will be necessary to fulfill the requirements for this degree. Work done for the degree of **Master of Arts** may, at the discretion of the Committee on Graduate Studies, receive full recognition toward the degree of **Doctor of Philosophy**, if of the same character as the major and minor subjects pursued for the attainment of the higher degree, and in the same field.

**1.** All students applying for the degree of Doctor of Philosophy **11** be required to devote at least two sessions of their graduate **rese** exclusively to their work.

**12.** It is to be understood that this degree is not conferred merely **a** result of faithful study for a prescribed time. In all his work the **ididate** must give satisfactory evidence of high attainment in original **research** and of power in independent thinking. The constructive **ality** and creative spirit of this work will always be the decisive **ctor**.

**33.** The following additional rules govern applications for the degree of Doctor of Philosophy:

*a.* The written application for an examination for the degree must be submitted by the candidate to the Dean of the Faculty of Graduate studies at least one year before the examination. With this application, the candidate must submit the title of his thesis, approved by the professors in charge of his major and minor subjects. Should this application be approved by the Committee on Graduate Studies, a date for examination will be set. A part of this examination will be held jointly by the professors in charge of the candidate's major and minor subjects, and will be oral. This oral examination will be in two parts: one to test the character of the candidate's knowledge in the entire extent of his chosen field, and one to test his ability in the smaller field within which the subject of his thesis falls.

*b.* Unless the application is made within four years after the candidate's graduation from college, he shall, by examination or otherwise, satisfy the Faculty of his proficiency in the studies of his undergraduate course.

*c.* Not later than the first of January of his final year of study, each candidate for the degree of Doctor of Philosophy must demonstrate by examination his ability to translate ordinary French and German prose, at sight, into English.

*d.* A fair copy of the thesis must be submitted at least six weeks before the date set for examination, and be approved by the professors in charge of the candidate's major and minor subjects, before the candidate is permitted to stand the final examination.

*e.* Theses accepted for the degree of Doctor of Philosophy shall be printed at the expense of the candidate. Before his degree is conferred, the candidate is required to deposit one hundred printed copies of his thesis in the University Library. In case the thesis has not been printed before the conferring of the degree, the candidate may (1) deposit with the Dean a statement from a responsible publishing

agency certifying to the fact that a contract has been entered into for the printing of the thesis, and that the required number of copies will be furnished within a reasonable time; or (2) the candidate may deposit with the Treasurer of the University a financial guarantee sufficient to print the required number of copies at the University Press.

*f.* Candidates must arrange their work so that it will come under the direction of at least three instructors. Not more than two subjects may be taken in one department; and work that is to count for the degree may not be taken in more than three departments.

**84.** Those presenting an accepted Bachelor's or Master's degree may be admitted to candidacy for the degree of Doctor of Philosophy in any department of the University offering adequate facilities for the work required for this degree. Certain subjects offered in the curriculum of the School of Medicine of the University may, with the approval of the Committee on Graduate Studies, be chosen as major and minor subjects for the degree of Doctor of Philosophy.

**85.** The subjects offered in the medical curriculum from which candidates for the degree of Doctor of Philosophy may choose their major and minor subjects comprise Anatomy, Human and Comparative, including Neurology; Bacteriology; Pathology; Physiology, Human and Comparative; and Physiological Chemistry.

**86.** The Dean of the Faculty of Graduate Studies and the Committee on Graduate Studies will report their decisions to the Faculty of Graduate Studies for final action.

**87.** All University courses of study shall be assigned, approved, and conducted by the Faculty of Graduate Studies.

## COURSES OF INSTRUCTION

[ Unless otherwise indicated, each course runs through the year.]

### ANATOMY

PROFESSOR HARDESTY

*Richardson Memorial Building*

#### 1. Microscopic Organology.

Advanced study of the structures comprising either the circulatory apparatus, the digestive apparatus, or the urino-genital apparatus, is offered graduate students who wish to become more familiar with these subjects than is usual after taking the routine courses dealing with them, or candidates for the higher degrees who desire to take the major or minor subjects within the Department of Anatomy.

The offering of the study of either one of the apparatuses in a given term, will depend upon the number of students applying for it.

One term. Six hours a week.

#### 2. Neurology.

Special study of the histology and microscopic and macroscopic architecture of the central nervous apparatus.

One term. Five hours a week.

#### 3. Special Anatomy of the Auditory and Optic Apparatuses.

This course is primarily for graduate students but is elective by others especially interested in the subject and qualified to take the work.

One term. Five hours a week.

#### 4. Advanced Course in Gross Anatomy.

A course offered primarily for graduates in medicine, but may be taken by others who have completed the required work in dissection. It is designed to afford opportunity for a more detailed study of the macroscopic anatomy of any part of the body desired, or for an advanced study of any of the systems of organs comprising a Functional Apparatus. The viewpoint from comparative anatomy will be suggested.

#### 5. Research in Anatomy.

Advanced students of Anatomy and graduates sufficiently qualified are urged to undertake the investigation of original problems under the direction of the head of the department and members of the staff.



Opportunity is given to gain experience in special histological technique and in the construction of papers for publication. Results meriting it will be published. Hours arranged to suit applicants.

Graduate students who intend to pursue advanced work in anatomy or physiology and who have not had preliminary work similar to that covered in the routine courses in histology, organology and neurology are admitted to and advised to take one or all of the regular courses offered in these subjects by the Department of Anatomy as preliminary to the advanced courses here offered. (See Announcement of Courses, School of Medicine, Anatomy, 7, 8 and 9). In order to best grasp any work in Anatomy a preceding course in Mammalian Embryology is earnestly advised.

---

### ART

PROFESSOR WILLIAM WOODWARD

PROFESSOR ELLSWORTH WOODWARD

Graduate work in art is based upon the baccalaureate degree, and upon not less than two years of undergraduate instruction, as offered in the courses at Newcomb College, or in the College of Technology. No student will be admitted who cannot show adequate undergraduate preparation, especially in the technical part of the work. In the graduate work technical practice must be maintained; about one-third to one-half of the actual hours will be devoted to critical and theoretical study of art under the direction of the professor. The time required will be not less than twelve hours for one course. The particular field of the student's interest will in a measure determine the course to be pursued.

---

### BIOLOGY

ASSOCIATE PROFESSOR MCCULLOCH

*Newcomb College*

#### 1. Protozoology and Parasitology.

Three lectures and one (three hour) laboratory period. Three hours credit.

Text books: Minchin, *Introduction to the Study of Protozoa*; Braun, *Animal Parasites of Man*.

Pre-requisite, two years training in the Biological Sciences, one course of which must be General Zoology.

**BRIDGE AND STRUCTURAL ENGINEERING**

PROFESSOR DERICKSON

*Engineering Building*

Graduate courses are offered in the following subjects in the Department of Civil Engineering. In order for a student to qualify for graduate work he must be a graduate of a course in civil engineering of an institution of recognized standing.

Instruction is given in the determination of loading, stresses, and design of roofs and buildings, bridges, arches, foundations, piers, retaining walls, and other structures of timber, steel, reinforced concrete, and masonry. Advanced instruction will be given in Higher Structures, Masonry and Foundations, Reinforced Concrete Construction, Reinforced Concrete Arch, and in Engineering Design. Preliminary: Structural Details, Stresses in Framed Structures, Bridge Design and Principles of Re-inforced Concrete.

---

**CHEMISTRY**

PROFESSOR METZ

PROFESSOR WILLIAMSON

ASSOCIATE PROFESSOR MOSELEY

*Richardson Chemistry Building*

Applicants for advanced work in chemistry must complete General Chemistry, Qualitative and Quantitative Analysis, and Organic Chemistry before credits for graduate work can be given. See Bulletins of College of Arts and Sciences and of Newcomb College for the pre-requisite undergraduate courses.

**1. Theoretical and Physical Chemistry.**

This course is the same as Chemistry 4 and 4L, in the College of Arts and Sciences, or its equivalent.

Three lectures and four laboratory hours.

Pre-requisites, a course in Physics similar to Physics 2 in the College of Arts and Sciences, and Integral Calculus. MR. MOSELEY

**2. Advanced Inorganic Chemistry.**

In this course a study is made of selected topics in the field of inorganic chemistry, as for example, atomic weight determination, peroxides and related salts, rare metals, hydrates, Werner's theory, valence, etc. The course may be accompanied by laboratory work in inorganic preparations.

MR. MOSELEY

**3. Selected Methods in Quantitative Analysis.**

This is a laboratory and reading course in special methods. Ultimate organic analysis, electrolytic methods and gas analysis will be considered in the main.

MR. MOSELEY

**4. Industrial Chemistry.**

A course of lectures on the application of chemistry to the arts, supplemented by visits to factories. The course embraces the most important chemical industries, both inorganic and organic. The principles involved in evaporation, distillation, sublimation, filtration, crystallization, calcination, refrigeration, use of fuels, and water purification are thoroughly discussed.

A study is made of the manufacture of acids, alkalies, chlorine, bleaching powder, fertilizers, cements, glass, ceramics, pigments, sulphates, cyanides, alcohols, illuminating gas, coal-tar derivatives, soap, glycerine, sugars, starch, explosives, paper, and other substances of minor importance. A study is also made of the chemistry of textile dyeing, dyestuffs, bleaching, fermentation processes, the tanning of leather, and the refining of oils (mineral, vegetable, and animal).

Five hours a week. (Not applicable as graduate credits for Chemical Engineers or students in Chemical Engineering.)

MR. WILLIAMSON

**5. Industrial Chemistry Laboratory.**

Work in this laboratory consists of lectures and laboratory practice in technical analytical methods and manufacturing on a laboratory scale, supplemented by visits to factories.

Among the subjects studied are the following: Sugar Factory Methods and Products; Fermentation and Fermented Products; Textile Bleaching and Dyeing; Paints; Oils (vegetable, mineral, and animal); Soaps; Water for Sanitary and Technical Purposes; Gas: Fuels (gaseous, liquid, and solid); Iron and Steel; Agricultural Analysis (fertilizers, and soils); Building Materials (clays, limestones, cements, metals, and alloys); Assaying; Tanning.

Five periods a week. (Not applicable as graduate credits for Chemical Engineers or students in Chemical Engineering.)

MR. WILLIAMSON

**6. Chemical Seminar.**

Weekly meetings of students and instructors in Richardson Chemistry Building for the discussion of current chemical literature and reading of papers.

One hour a week. (Required of all graduate students in Chemical engineering, and open to students other than Chemical Engineering students.)

MR. WILLIAMSON

### 7. Advanced Industrial Chemistry.

The investigation of problems of industrial processes.

Prerequisite to this course, the student must have had the equivalent of work required for the bachelor's degree in Chemical Engineering Course at the Tulane University of Louisiana.

MR. WILLIAMSON

### 8. Physiological Chemistry.

This course embraces a thorough study of the chemical composition of the food stuffs and the various tissues and fluids of the body, together with a consideration of the chemical-physiological processes of digestion, secretion, exertion and nutrition in general.

Students are taught the application of quantitative analytical methods to the problems of metabolism and to the identification and estimation of biological products.

A knowledge of Inorganic and Organic Chemistry (Chem. 11, 12, 32, L23, L31, L32, L34), Elementary Biology and Elementary Physiology are essential.

MR. METZ

### 9. Research.

To those who have the necessary qualifications to undertake original investigations, independently or under guidance, the facilities of the various laboratories are available.

---

## CLASSICAL PHILOLOGY

PROFESSOR HARKNESS

PROFESSOR BECHTEL

PROFESSOR TEW

ASSISTANT PROFESSOR RIEDEL

*Newcomb College*

*Gibson Hall, Room 25*

### 1. Roman Elegiac Poets.

The complete works of Catullus, Tibullus and Propertius will be read together with the Heroides of Ovid. The members of the class will prepare papers discussing the biography and individual characteristics of each of these poets.

Two hours a week.

MR. BECHTEL

### 2. Greek Lyric Poetry.

Study of the Olympian and Pythian Odes of Pindar, with selections from Bacchylides.

Two hours a week. (Offered in 1919-1920.)

MISS TEW

**3. Early Latin.**

Cato's *De Re Rustica* and the most important fragments of the works of the writers of the early Republic will be read, together with specimens from early laws, inscriptions, etc. Special consideration will be given to peculiarities of syntax, spelling and quantity.

Two hours a week. (Offered in 1918-1919.) MISS HARKNESS

**4. Virgil.**

This course will include the reading of the *Eclogues*, *Georgics*, *Aenide*, Books VII—XII, and selections from the *Pseudo-Vergiliana*, with especial attention to the development of Virgil's literary style and metrical skill. A study will also be made of the philosophical and religious beliefs of Virgil.

Two hours a week. (Offered in 1919-1920.)

MISS HARKNESS

**5. Aristophanes.**

Reading of most of the plays.

Study of the history and technique of Greek Comedy and of contemporary life and history.

Two hours a week.

MR. RIEDEL

---

**ECONOMICS AND SOCIOLOGY**

PROFESSOR ALDRICH

*Gibson Hall, Room 40.*

Graduate work is offered only to students who have previously completed at least two years of undergraduate work in economics and sociology.

Graduate students may elect the more advanced undergraduate courses in the College of Arts and Sciences and in the College of Commerce and Business Administration as bases for wider reading and special reports.

**Research Course.** Properly prepared students are encouraged to conduct investigations, under the guidance of the instructor, in such subjects as the development of manufactures in the Southern states, the cotton market, the foreign trade of New Orleans, the economic status of the negro, or subjects in economic theory.

**The Peabody Fellowship**, for encouragement of research into economic aspects of Southern welfare, is assigned to a graduate student in economics. (For details, see section entitled Fellowships).

**ELECTRICAL ENGINEERING**

PROFESSOR ANDERSON

*Stanley Thomas Hall***1. Advanced work in the Theory and Application of Alternating Currents.**

This course is conducted by means of lectures, parallel reading, and laboratory work, and is adapted to the needs of each student.

Open to graduates in Mechanical-Electrical Engineering and to others who have had an equivalent of the undergraduate courses in this University.

**ENGLISH**

PROFESSOR BUTLER

ASSOCIATE PROFESSOR STONE

*Newcomb College*

ASSOCIATE PROFESSOR BROWN

*Gibson Hall, Room 24*

An acquaintance with the language and the literature equivalent to that to be obtained in four years of undergraduate study in this University will be required of all students in the graduate courses in English. All candidates for the Doctor's degree making English their major must have a good knowledge of the history of English Literature and a good equipment in Old and Middle English; candidates for the Master's degree must take (or show that they have taken) at least one course in Old English. Such a course is offered both at Newcomb College and in the College of Arts and Sciences. The proportion of work to be done in literary and in linguistic fields will be determined largely by the special interest of the student; but each student will be expected to meet such requirements in both fields as will prevent excessive specialization.

**1. Old English: Epic, Lyric and Heroic Poetry.**

Advanced course. Two hours a week. (Not offered in 1919-1920).

MR. BROWN

**2. Old English.**

Biblical Paraphrases, Cynewulf, and the School of Cynewulf.

Two hours a week. (Not offered in 1918-1919). MR. BROWN

**3. Old English Prose and Poetry.**

Two hours a week.

MR. BROWN

**4. Middle English Language and Literature from 1100 to 1350.**

Two hours a week.

MR. BUTLER

**5. English Miracle Plays.**

The growth of the religious play will be studied, with reading from plays of a typical cycle. This course or the course in Elizabethan Drama will be given, according to the needs of students.

Two hours a week.

MR. BUTLER

**6. Elizabethan Drama.**

The course will direct attention rather to the immediate predecessors and contemporaries of Shakespeare, attempting to show something of the growth of notable types of drama, using the Shakespearean plays where needful as illustrative material. It is requisite, therefore, that the student be familiar with the content of Shakespeare's plays.

Two hours a week.

MR. BUTLER

**7. British Poetry in the Nineteenth Century.**

The work of Wordsworth, Coleridge, Byron, and Shelley will be studied, especially with the aim of showing their relation to the main current of thought, to the French Revolution, and to the great social issues.

Two hours a week. (Not offered in 1919-1920). MISS STONE

---

**HEBREW**

PROFESSOR HELLER

*Gibson Hall, Room 2.*

Acquaintance with the rudiments of Hebrew grammar and ability to translate the simpler portions of the Bible will be required.

**Advanced Hebrew.** Review of grammar. Hebrew syntax. Translation of prophetic and poetical portions of the Bible.

Harper's Selections.

Two hours a week.

---

**HISTORY**

PROFESSOR WHITE

*Gibson Hall, Room 32*

Students will not be permitted to elect post-graduate courses in history unless they have already received college credit for courses Nos. 1 and 4 (see Arts and Sciences Bulletin) or equivalents, and at least one advanced course in either European or United States History.

The following courses in American history will be offered.

**1. Seminary in United States History.**

The purpose of the seminary is to give students training in the use of source material, and to make them familiar with the methods of historical research. The subject for study will be selected each year.

Two hours a week. Reports and discussions.

**2. The United States Since 1865.**

A study of recent development along political, economic and social lines. Considerable attention will be given to the rise and development of the New South, and to our relations with foreign countries.

In 1919-20 graduate students will be offered their choice of this course or course 1. Only one will be given.

Two hours a week. Lectures, readings, and reports.

---

**MATHEMATICS**

PROFESSOR DINWIDDIE

PROFESSOR SPENCER

*Gibson Hall, Room 4*

*Newcomb College*

**1. Analytic Geometry of Space.**

Chas. Smith, *Solid Geometry*; Salmon, *Geometry of Three Dimensions*.

MR. DINWIDDIE

**2. Theory of Equations.**

This course is based on Burnside and Panton's *Theory of Equations*, which it will supplement at various points.

Two hours a week.

MR. DINWIDDIE

**3. Differential Equations.**

This course in the main runs parallel with Forsyth's *Theory of Differential Equations*, but introduces as far as possible the notions of Lie, Fuchs, and others.

Three hours a week.

MR. DINWIDDIE

**4. Theory of Functions of a Complex Variable.**

This introductory course treats of the complex variable and its geometric depiction, of functionality, of the integration of uniform functions, of expansion in power series, of integral functions, algebraic and transcendental, of conform depiction, of multiform functions, and of Riemann's surfaces.

MR. DINWIDDIE

**5. Modern Analytic Geometry.**

The work in this course will be based largely on Doehlemann's *Geometrische Transformationen*, preceded by an introduction to the



theory of matrices, linear dependence and quadratic forms, as given in Bôcher's *Higher Algebra*.

Two hours a week.

Prerequisites: Theory of Equations and Projective Geometry.

MISS SPENCER

**6. (a) Quadratic and Higher Birational Point Transformations.**

Doehlemann, Vol. II.

Two hours a week. One-half year.

**(b) Foundations of Projective Geometry.**

Veblen and Young.

Two hours a week. One-half year.

Prerequisites. Projective Geometry and Modern Analytic Geometry.

MISS SPENCER

---

**MECHANICAL ENGINEERING**

PROFESSOR CREIGHTON

*Stanley Thomas Hall*

**1. Thermodynamics.**

Work of an advanced character supplementing that of the undergraduate course but dealing more particularly with gas and gasoline engines, refrigerating machinery, and air compressors.

**2. Advanced Steam Design.**

An application of the preceding course in which designs and working drawings of engines to conform to data will be required.

**3. Structural Design.** Advanced work in Strength of Materials and in the design of structures of various kinds.

---

**PATHOLOGY AND BACTERIOLOGY**

PROFESSOR DUVAL

*Richardson Memorial Building*

**1. Advanced Studies in Bacteriology.**

The course is devoted to the study of protozoa and bacteria. Separate problems are suggested, and the student under the supervision of the instructor will carry such a problem to completion.

Three hours a week for minor, and six hours a week for major. This course is open only to students who have had a year in Biology or Parasitology.

**2. Advanced Studies in Special Pathology.**

This course consists in experimental work along histo-pathological lines. Special problems will be assigned to students qualified to take such a course, under the guidance of the instructor.

---

**PHILOSOPHY****PROFESSOR MCCLURE***Gibson Hall, Room 23.***1. History of Philosophy.**

Traces the history of philosophy from its earliest beginning among the Greeks to the present time. Extensive readings in the sources. Lectures, essays, and discussion.

Three hours a week.

Additional courses will be arranged to meet the special demands of graduate students.

---

**PHYSICS****PROFESSOR LYON***Newcomb College***PROFESSOR CLO***Physics Building***1. Dynamics.**

A series of lectures on mechanics and wave motion, beginning with elementary theoretical mechanics and concluding with the application of wave theories to light and sound.

Three hours a week, first term.

**MR. CLO****2. Kinetic Theory of Matter.**

A course dealing with that subject matter properly included in the term corpuscular physics. The course includes heat and the kinetic theory of gases followed by radioactivity and the conduction of electricity through gases.

Three hours a week, second term.

**MR. CLO****3. Electricity and Magnetism.**

Primarily a laboratory course in the study of resistance, capacity, inductance, electrical oscillations, etc. It is accompanied by a study of the theory of the methods used in the laboratory and such general theory as may be necessary to a proper understanding of the practical work of the course.

Three hours a week, first term. (Not offered in 1919-20).

**MR. CLO**

**4. Light.**

Primarily a laboratory course in the use of such instruments as the Fresnel mirrors, the diffraction grating, the spectroscope and spectrometer, the interferometer and the polarimeter. The theory of these instruments is taken up briefly in a weekly discussion of at least one hour.

Three hours a week, second term.

MR. CLO

The above courses presuppose a good training in undergraduate physics, with a working knowledge of the calculus.

**5. Optics and Chemistry of Photography.**

Theoretical discussion of photographic lenses, followed by a study of photo-chemical action, including orthochromatism and color photography.

Two hours a week.

MR. LYON

**6. Advanced Laboratory Course.**

A laboratory course in the performance of well-known advanced experiments which require a study of accompanying theories, and which introduce the methods of original work.

Credit and hours to be determined in individual cases. MR. CLO

**7. Research Work** on some special problem under the guidance of the professor.

MR. LYON and MR. CLO

These courses, with the exception of Course 7, are open to properly qualified undergraduates as well as to graduates. Applicants for Courses 1, 2, 3 and 4 should have completed the equivalent of the corresponding undergraduate courses.

---

**PHYSIOLOGY**

PROFESSOR GARREY

*Richardson Memorial Building.*

**Physiological Research.** A course designed to give opportunity for investigation to graduate students who desire to devote either one half, or all their time to the work in candidacy for advanced degrees.

Only those will be accommodated who have had adequate training in Biology, Physics, Chemistry and Physiology.

---

**PSYCHOLOGY**

PROFESSOR FLETCHER

*Newcomb College.*

**1. Advanced Psychology.**

Comprising the systematic study of the larger problems of psychology as they are presented in some of the advanced texts.

Two hours a week.

**2. Research in Experimental Psychology.**

Students who have had sufficient preparation in laboratory technic will be allowed to undertake the investigation of problems by arrangement.

**3. Clinical Psychology.**

A course based upon differential psychology and taking into consideration mental arrest, genius and other variant types. The laboratory methods of mental tests and measurements now in use will be included.

Two hours a week.

**4. Psychological Systems.**

A course tracing the development of psychology from its beginning and also giving the salient features of modern European and American systems of psychology.

Two hours a week.

**5. Psychophysical Theories.**

This course takes into account the ancient and modern theories of mind and body relations.

Two hours a week.

NOTE: Courses 4 and 5 will be given alternately, beginning with Course 4 in 1914-15. Other courses will be offered according to the needs of the students. In general only two courses will be offered in any year.

---

**ROMANCE LANGUAGES**

PROFESSOR MARIN LAMESLÉE

*Gibson Hall, Room 31*

**FRENCH****1. French Literature of the Eighteenth Century.**

A study of the great writers of the eighteenth century (more particularly the writers of comedies) and of their principal works. Essays and reports in French on works read.

Two hours a week.

MR. LAMESLÉE

**2 The Romantic School (*Le Romantisme*).** Lamartine, Victor Hugo, Vigny, and Musset. Essays and reports in French on work read.

Two hours a week.

MR. LAMESLÉE

The above courses in French literature will be conducted in French. The students will refer to the principal histories of French literature, such as Petit de Julleville's, Lanson's, Brunetière's, Doumic's, Pellissier's, and to the more important works of the French critics.

**3. Old French Literature.**

Reading of texts. An attempt will be made to show how the society of the Middle Ages is depicted in the literature of the period.

Two hours a week.

MR. LAMESLÉE

**4. History of French Literature, from its beginning down to the Renaissance.**

Lectures and collateral reading.

Two hours a week.

MR. LAMESLÉE

**5. Classical Drama.**

A study of the development of the drama in France down to the end of the XVIIIth Century with especial reference to the great classical writers. Conducted in French.

For graduates and undergraduates.

Three hours a week.

MR. LAMESLÉE

## **GENERAL INFORMATION**

---

### **ADMISSION AND ENROLLMENT**

Applicants should report not later than October 6th to the Dean of the Faculty of Graduate Studies and present credentials. If admitted, they will receive from the Registrar blanks to be filled out with a course of study subject to the approval of the professors under whom they wish to work and of the Dean. The blanks must be then returned to the Registrar, who, after the fees have been paid, will issue cards entitling the applicants to be enrolled as graduate students.

---

### **FEES AND EXPENSES**

Graduate students will be charged for each session a registration fee of five dollars, and twenty dollars for tuition, when two or more courses are taken, and a registration fee of five dollars, and ten dollars for tuition, when only one course is taken.

All students working in the laboratories are required to pay an annual fee of fifteen dollars for each laboratory used by them.

Holders of Fellowships and Scholarships are not exempt from the registration and laboratory fees.

A fee of five dollars to cover expenses of graduation, diploma, etc., will be charged each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement.

Rooms and board in the dormitories may be obtained at about twenty dollars per month, including heat and lights, but not including mid-day lunch. Students may obtain board and lodging at from thirty to thirty-five dollars per month in boarding houses and private families at a convenient distance from the University buildings.

## COLLEGE OF LAW

### FACULTY—1918-1919

ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., President  
of the University.

ROBERT SHARP, A. M., Ph. D., President, *Emeritus*.

CHARLES PAYNE FENNER, B. S. (Virginia Military Institute).  
L. B. (University of Virginia), LL. B. (Tulane University), Pro-  
fessor of Civil Law and Dean of the College of Law.

ELLIOTT JUDD NORTHRUP, A. B. (Amherst College), LL. B.  
(Cornell University), Professor of Law, Secretary of the College  
of Law.

MONTE M. LEMANN, A. B., LL. B. (Harvard University), LL. B.  
(Tulane University), Professor of Law.

RALPH J. SCHWARZ, A. M., LL. B. (Columbia University), LL. B.  
(Tulane University), Professor of Law.

STEPHEN IVES LANGMAID, A. M., LL. B. (Harvard University),  
Professor of Law.

JOSEPH W. CARROLL, Professor of Civil Law.

CHARLES JOSEPH TURCK, A. B. (Tulane University), A. M.,  
LL. B. (Columbia University), Professor of Law.

CHARLES WILLIAM LEAPHART, A. M. (University of Missouri).  
LL. B. (Harvard University), Acting Professor of Law.

JOHN DANIEL GRACE, Lecturer on Admiralty.

CHANDLER C. LUZENBERG, B. S. (Louisiana State University).  
LL. B. (Tulane University), District Attorney for the Parish of  
Orleans, Lecturer on Criminal Procedure.

RUFUS EDWARD FOSTER, LL. B. (Tulane University), United  
States District Judge, Eastern District of Louisiana, Lecturer on  
Bankruptcy and Federal Practice.

CHARLES E. DUNBAR, A. B. (Tulane University), LL. B. (Harvard  
University), LL. B. (Tulane University), Lecturer on Bills of  
Exchange and Promissory Notes.

### FROM THE COLLEGE OF ARTS AND SCIENCES

EDWARD AMBROSE BECHTEL, Ph. D. (University of Chicago),  
Professor of Roman Law.

## HISTORY

The Tulane University of Louisiana is the successor of the University of Louisiana, established in 1845. It was incorporated with its present organization in 1884, and the name of Tulane was added to perpetuate the memory of the public spirited citizen who then endowed it. The College of Law (then styled the Law Department) was established in 1847. Now in the seventy-second year of its existence, it has conferred diplomas on more than 1400 graduates, who have held respectable positions at the bar, while many have advanced to the highest judicial seats.

Up to the session of 1907-08 the law course consisted of two years of study, but the American Bar Association had long insisted upon a three year course, urging that experience had shown that adequate training to begin the practice of law cannot be acquired in a shorter time and that less preparation jeopardizes success. That this preparation should be secured by the student at his own expense rather than by the young lawyer at the expense of his earlier clients seems obvious; and that it can be more surely obtained in the law school than elsewhere is demonstrated by the growing attendance of the law schools, which are themselves increasing in number.

Recognizing these facts, the Board of Administrators of the Tulane University of Louisiana in 1906 voted that the law course be lengthened to three years, and the college was accordingly reorganized in 1907. In 1915 further changes were made and the courses are now arranged as given herein.

---

## PURPOSE

The purpose of the Tulane College of Law is to educate men for successful practice in the courts of Louisiana and in the federal courts. Success at the bar requires (1) a high sense of honor and duty, (2) habits of industry, (3) thorough acquaintance with fundamental legal principles, (4) a mastery of the methods of legal study and research, and (5) intellectual power and acumen, and Tulane aims to develop these qualities in its students.

To this end the college has selected instructors for their fitness to teach and to train, and for their willingness to devote themselves enthusiastically to these objects. It requires the attendance of the student at lectures and discussions for from thirteen to fifteen hours each week, throughout the course, in the morning hours; and maintains close supervision over his work, with insistence upon industry and con-



tinuous application. Two hours preparation is necessary for the work of each class period.

The college provides a large and well selected law library, by the use of which students become familiar with the extensive sources of the law and learn "how to find the law." Its courses cover every important topic and a period of three years' study of law is required for graduation, enabling the student to become well-grounded, to assimilate his work, and to become thorough in discipline and knowledge.

### SCOPE AND METHODS OF INSTRUCTION

Every subject essential to successful practice in Louisiana is offered. All parts of the civil code and of the code of practice, of Louisiana are given full and thorough treatment, with frequent reference to the French writers and to the Louisiana cases.

Though a large and important part of the law of Louisiana is distinctly of civil law origin, the law of Louisiana is by no means all civil law. A large part is common law. The criminal law, the law of torts, of corporations, of evidence, of public service companies and carriers is the same as in common law jurisdictions. The constitutional law, federal practice, bankruptcy, and conflict of laws are likewise the same for all. The law of bills and notes, governed by a uniform state law passed in nearly all the states, is the same for all. All parts of the common law that have been incorporated in the jurisprudence of Louisiana are studied both in the light of the decisions of the courts of Louisiana and from the historical common law point of view as illustrated by the decisions of common law jurisdictions.

Students are required to study chiefly the Louisiana codes and selected cases, supplemented by reading in approved text-books and legal periodicals. The several courses are described below in some detail. In all of them a study is made of such portions of the code and statutes of Louisiana as bear upon the subject matter of the course and the student's attention is directed to Louisiana decisions in point. Class exercises consist of recitation, discussion, colloquy, and exposition, with only occasional approach to the formal lecture, the aim being to stimulate and exact thoroughness of study and to develop the student's power of reasoning and self-help. Insistence is put upon accurate legal thinking as well as upon the acquisition of rules of law.

### **REQUIREMENTS FOR ADMISSION**

It has been the growing conviction of the law faculty that the preparation afforded by high schools and academies is generally not a sufficient preparation for the three year law course. An examination of the records of the school shows that men who have had at least one year of college training do work superior to that of those without this training. In this, our records confirm the experience of law school educators everywhere.

The leading law schools of the country now require at least one year of college work; many of them require more. For the highly specialized professional work, such as is given in this law school, the student needs the mental training and the maturity of mind which comes from the college work. We realize, however, that it is not possible for all to have had college work and in order that the school may adapt itself to the needs of the community, two courses are offered: one for those who have had only a high school education, and one for those who have had one year of college in addition to high school work.

---

### **ADMISSION TO THE FOUR YEAR COURSE**

(See page 45)

---

### **ADMISSION TO THE THREE YEAR COURSE**

All the requirements for admission to the four year course must be satisfied and in addition the applicant must present a certificate from an approved university or college that he has satisfactorily completed therein at least one year of non-professional work in a four year course. Work equivalent to that done in the first year of the courses leading to the A. B. or B. S. degree at this University will be satisfactory.

The faculty of the College of Law will exercise its discretion and judgment to waive, in individual meritorious cases, the entrance requirement of one year of academic college work to the extent only, however, to which satisfaction of that requirement has been prevented or interfered with by the actual performance of military, naval, or governmental service.

---

### **SPECIAL STUDENTS**

At the discretion of the faculty, an applicant who is at least twenty-one years of age and is unable to meet the entrance requirements will be admitted as a "special" student, with full privileges in all respects

except that he may now become a candidate for a degree, but upon meeting the above he will be given a certificate showing what he has accomplished.

### **ADMISSION TO ADVANCED STANDING**

IN ACCORDANCE with the recommendations of the American Bar Association, no credit will be given any applicant for study in an office, nor will credit be given for work with a correspondence school. Those applicants only will be admitted to advanced standing who have done creditable work in regular attendance at an approved law school. They will be given the applicant when he entered such school will have satisfied the College entrance requirements.

### **DISCOUNTED ACADEMIC AND LAW COURSE**

STUDENTS in the College of Arts and Sciences may in their senior year of college work count the first year of law work, for which credit will be given to the extent of fifteen hours towards the Bachelor's degree in the College of Arts and Sciences.

### **DISCOUNTED BUSINESS AND LAW COURSE**

STUDENTS in the College of Commerce and Business Administration may in their senior year elect nine hours a week from the first year law courses for which nine hours a week credit in the College of Commerce and Business Administration will be given. These law courses must include contracts, personal property, real property, and torts.

### **FEES AND REGISTRATION**

ANNUAL FEES are charged as follows: tuition fee \$115; law library fee \$5; gymnasium-athletic fee \$30; medical fee \$5. The gymnasium-athletic fee provides the use of gymnasium, services of the director of physical training, and a season ticket admitting to all minor athletic events on the home grounds. The medical fee is required of every student who is not a resident of New Orleans.

Students residing in New Orleans with parents or guardians may, at their option, receive the medical service upon payment of the fee at matriculation. The law library fee, the gymnasium-athletic fee, the medical fee, and one-half of the tuition fee must be paid in advance on the registration day, and the other half of the tuition fee must be paid on the first day of the second term. A late registration fee of \$2 is charged all students registering after the regular registration days.

The regular registration days in 1919 are, for new students, Monday, September 29; for old students, Tuesday, September 30.

All fees are payable to the Bursar of the University.

No student entering without transfer of credit will be allowed to enter as a regular student later than during the first ten days of the second term. No student entering later than thirty days after the opening of either term will be allowed to carry full work except with the consent of the faculty. Moreover, no student will be given credit in any half year course unless he enters it within thirty days of the beginning of the course, and no student will be given credit in any full year course unless he enters it within sixty days of the beginning of the course.

No deduction of fees is made for absence for less than a month. When the absence exceeds a month and the student has been withdrawn from the College because of continued sickness or other sufficient cause, a proportionate part of the amount paid will be refunded, on proper certificate signed by the secretary of the College. Any application for restitution of tuition must be made within sixty days after the withdrawal of the student.

The tuition fee for a special course in any one subject is \$30.

A fee of \$5, to cover expenses of graduation, diploma, etc., will be charged to each person taking a degree. This fee must be paid to the Bursar of the University at least ten days before commencement. The amount will be refunded should the degree be not conferred.

Graduates of the College of Law are entitled to attend the lectures without any charge except the library fee.

---

### LIVING EXPENSES, ETC.

The cost of books, exclusive of the Louisiana civil code and code of practice, should not exceed twenty-five dollars a year.

Students may reside in the dormitories, or obtain board and lodging at from \$30 to \$35 a month in boarding houses or private families at convenient distance from the university buildings. Board and lodging in the dormitories may be had at about \$25 a month, not including the cost of mid-day lunches, which may be obtained at the dining hall at about \$6 a month.

Application blanks for dormitory rooms may be obtained from the registrar of the University and should be filled out and filed with him by September 1st. and must be accompanied by a deposit of five dollars to secure the desired space. Applications should be made early, as the number of rooms is limited.

Fuller details may be obtained from the special Bulletin on Dormitories for which address the Registrar of Tulane University, Station 20, New Orleans, La.

---

### **DEGREES AND REQUIREMENTS FOR GRADUATION**

The degree of Bachelor of Laws (LL. B.) will be conferred upon those only who have been in attendance at this College three full years or at this College and other approved law school or schools three full years, of which the last at least has been spent at this College, and who have fulfilled the admission requirements for regular students and have successfully completed the required work and who are at least twenty-one years of age or will attain that age before the first day of the next session of the University.

The degree of Doctor of Law (J. D.) will be conferred upon students who, at least two years prior to the completion of their law work, shall have received the degree of Bachelor of Arts or a substantially equivalent degree, either in the College of Arts and Sciences of this University or in some other approved college or university, and who have completed the course prescribed for receiving the degree of Bachelor of Laws, and who have maintained an exceptionally high standard of scholarship, and who present a thesis of between five and ten thousand words of text satisfactory to the faculty of law, which thesis shall become the property of the University.

Diplomas are conferred at the general university commencement.

Students completing their courses with marked excellence will be graduated with distinction.

## COURSES OF STUDY

*(The school year is divided into two equal terms. Unless otherwise indicated courses run through both terms.)*

(Text and Case Books are subject to change.)

### THREE YEAR COURSE

#### First Year Class

**Contracts:** Nature of consent: offers and their duration, termination and revocation; acceptance; defects of consent; object and matter; contracts for benefit of third persons; possibility; illegality; cause or consideration; effect; obligations to give and to do or not to do; kinds of obligations; personal and heritable obligations; assignment of contracts; performance; conjunctive, alternative, several, and joint obligations; obligations in solido; divisible and indivisible obligations; penal clauses; methods of extinguishment.

Three hours a week the first term; four hours a week the second. Civil Code of Louisiana and assigned cases; Williston's Cases.

PROFESSOR NORTHRUP.

**Courts and Judicial Procedure:** An introductory course dealing with the history, organization, and jurisdiction of the English common law courts; the development and scope of the common law forms of action; the joinder and election of actions; writs and process; the pleadings and proceedings in an action.

One hour a week the first term. Perry on Common Law Pleading.

PROFESSOR LANGMAID.

**Criminal Law:** Sources of the criminal law in the United States; the elements of crime; union of act and intent: effect of consent, condonation, coercion; the criminal intent; intent as affected by mistake, infancy, insanity; the criminal act; authorization; combinations in crime; specific offenses: assault, battery, imprisonment, homicide, larceny, embezzlement, obtaining by pretence, burglary, arson, forgery.

Three hours a week the first term. Beale's Cases on Criminal Law.

PROFESSOR TURCK.

**Criminal Procedure:** Jurisdiction; venue; prosecution; arrest; extradition; bail; the grand jury; form and requisites of the indictment in general and of particular averments; arraignment, pleas, and motions; trial: right to jury trial, qualifications of jurors, rights of the accused, proceedings in a trial; new trial; arrest of judgment;

judgment, sentence, and execution; appeal, writ of error, and certiorari; punishment; discussion of forms of indictment and practice in drawing bills of exceptions.

Two hours a week the second term. *Mikell's Cases on Criminal Procedure.* MR. LUZENBERG.

**Personal Property:** This course deals with certain special branches of the law of personal property under the civil code of Louisiana and at common law. It is introductory to the study of the Louisiana law of property in the advanced courses on the civil code of Louisiana given in the second and third years. The topics treated are: the division of things; the general principles of ownership and usufruct; occupancy; possession; prescription; statutes of limitation; accession; confusion; title by satisfaction of judgment; gift; sale and bailment distinguished; liens and pledges.

Two hours a week the first term. *Civil Code of Louisiana and assigned cases; Warren's Cases on Property.*

PROFESSOR NORTHRUP.

**Real Property at Common Law:** This course covers briefly in outline the principal topics of the common law of real property and is given to Louisiana students that they may acquire such a general knowledge of the terminology and principles of that branch of the common law as will assist them in the understanding and study of cases on other topics involving references to real property law and as will be of value to the Louisiana practitioner in view of the fact that his State is surrounded by jurisdictions administering the common law of real property.

Two hours a week the second term. *Northrup on Real Property.*

PROFESSOR NORTHRUP.

**Roman Law:** A general historical introduction, tracing the development of the law from the twelve tables to Justinian; a study of the Institutes of Justinian with special emphasis on the following topics: the family law, testate and intestate succession, contracts and delicts.

Two hours a week. *Morey's Outlines of Roman Law; Moyle's Institutes of Justinian.*

PROFESSOR BECHTEL.

**Torts:** Injuries to person or property: intentional results (assault, battery, imprisonment, trover); unintentional results (negligence); legal cause; defences (leave and license, contributory negligence, contributory illegality); special duties of owners or occupants of property (occupiers of land, users of dangerous property, possessors

**animals).** Injuries causing pecuniary loss: deceit, defamation, malicious prosecution, interference with contractual and business relationships.

**Two hours a week the first term; three hours a week the second.**  
**Ames and Smith's Cases.** PROFESSOR LANGMAID.

### Second Year Class

**Agency:** General principles; capacity to act as agent, as principal; what acts may be done through an agent, delegation by agent; agent's power to obligate principal to third persons, torts, contracts, crimes; agent's personal liability to third persons; undisclosed principal; ratification; termination of agency; reciprocal duties of agent and principal to each other; fellow servant rule; mandate under the civil code of Louisiana.

**Three hours a week the second term.** Wambaugh's Cases; Civil Code of Louisiana and assigned cases. PROFESSOR TURCK.

**Bills of Exchange and Promissory Notes:** Formal requisites of negotiability; acceptance; delivery; consideration; negotiation: by delivery, by endorsement; rights and duties of holders; liability of maker, acceptor, drawer, endorser; discharge; the subject being treated both at the common law and under the Negotiable Instruments Law.

**Three hours a week the first term.** Smith and Moore's Cases.

MR. DUNBAR.

**Civil Code:** Persons and family relations; the marriage contract; the several classes of property of husband and wife and their respective rights therein; property under the Louisiana code, comprising things and the different modifications of ownership.

**Two hours a week.** Civil Code of Louisiana, Books I and II, and assigned cases. PROFESSOR CARROLL.

**Equity:** Nature of jurisdiction; specific performance of contracts, covering discussion of affirmative and negative contracts, mutuality, relief for and against third persons, incidents to the right of specific performance: consideration, statute of frauds, part performance, fraud, misrepresentation and concealment, mistake, hardship and unfairness; specific reparation and prevention of torts, covering discussion of waste, trespass, disturbance of easement, nuisance, interference with business relations; bills of interpleader; bills of peace; bills quia timet; removal of cloud on title; reformation and rescission of contracts.

**Two hours a week.** Ames' Cases on Equity, Vols. I and II.

PROFESSOR SCHWARZ.



**Evidence :** Judicial notice; presumptions; burden of proof; law and fact; principles and rules of exclusion; matters misleading prejudicial, and complicating, or of slight, remote, or conjectural significance, character of parties, confessions, hearsay and exceptions to the hearsay rule; opinion; writings, including the parol evidence rule; witnesses.

Two hours a week. Thayer's Cases.

PROFESSOR LANGMAID.

**Insurance:** Nature of the contract of insurance; parties to the contract; insurable interests; representations and warranties; terms of insurance contracts; beneficiaries; assignment; remedies and measure of damages for breach of contract by the insurer; scope of authority and duties of agent; subrogation.

Two hours a week the second term. Woodruff's Cases.

PROFESSOR LANGMAID.

**Public Service Companies—Carriers:** The common callings; exercise of franchise, legislation, economic monopoly as bases of the duties of public service; the service to be rendered; failure of the service, limitations of liability and excuses; rules for the service; reasonableness of the rate; prohibition of discrimination; duty to furnish adequate facilities; withdrawal from public service.

Three hours a week the second term. Burdick's Cases on Law of Public Service and assigned cases.

PROFESSOR TURCK.

**Quasi Contracts:** Nature; benefits conferred by mistake, under partially performed contract, without contract, and under compulsion; waiver of tort.

Two hours a week the first term. Thurston's Cases; Civil Code of Louisiana.

PROFESSOR NORTHRUP.

**Sales of Personal Property:** Nature and form of contract of sale; subject matter of sale; executory and executed sales; fraud and related matters; special rights, remedies, and obligations of seller and of buyer; resolution and rescission.

Three hours a week the first term. Williston's Cases; Civil Code of Louisiana and assigned cases.

PROFESSOR TURCK.

### Third Year Class

**Admiralty:** Jurisdiction: As determined by place; by the subject matter; and excluded by treaty stipulation; over persons; over vessels, as affected by their nature and employment; over waters, and herein of seas, lakes, bays, rivers, public waters of the United States and of the respective States; over maritime contracts and maritime torts

**in general.** Practice: The general character and course of admiralty proceedings; special topics in relation to general average, charter-party, collision, salvage, marine insurance, respondentia and hypothecary bonds, materialmen and their lien, etc.

Two hours a week the second term.

MR. GRACE.

**Bankruptcy and Federal Practice:** Jurisdiction and practice of the federal courts, with special treatment of the practice in equity; substantive and procedural law under the Federal Bankruptcy Act.

One hour a week the first term; two hours a week the second.

JUDGE FOSTER.

**Civil Code:** Modes of acquiring property under the Louisiana law: successions, donations inter vivos and mortis causa, sale, lease; partnership; suretyship; pledge; privileges; mortgages; occupancy; possession; prescription.

Two hours a week. Civil Code of Louisiana, Book III, and assigned cases.

PROFESSOR FENNER.

**Conflict of Laws:** The nature of law; jurisdiction over persons and things; the importance and meaning of domicile as the basis of personal jurisdiction; the extent of law as illustrated by jurisdiction to levy personal, property, and privilege taxes; the jurisdiction of courts in rem, in personam, and quasi in rem (including for divorce); the law governing remedies, including rights of action and procedure; the law governing, first, the creation, and, then, the extraterritorial recognition and enforcement of personal and property rights, including questions of capacity, marriage, legitimacy, adoption, inheritance, rights issuing from obligations ex delicto, and the interpretation, obligation, effect, performance, assignment, and discharge of contracts; the administration of estates upon death, minority, insolvency, and receiverships; the nature and effect of judgments and their enforcement outside the state where rendered; extraterritorial rights under penal obligations.

Two hours a week. Beale's Cases, Shorter Selection.

PROFESSOR LEMANN.

**Constitutional Law:** The respective spheres of the national and state governments under the constitution of the United States; uniform powers of the national government with respect to the state areas, organized territories, unincorporated territory; operation of the constitution as to persons: citizenship, alienage, privileges and immunities of national citizenship, of state citizenship; principle of division of powers in the state and national constitutions; constitutional limi-

tations, state and national, with emphasis upon due process of law, equal protection, impairment of contracts, *ex-post facto* laws, and the police power; extensive study of the regulation of commerce.

Two hours a week. Hall's Cases. PROFESSOR LANGMAID.

**Corporations:** Nature of corporation: distinguished from other forms of business associations, the entity theory and when disregarded; the formation and promotion of corporations; the powers of corporations; liability for torts and crimes; unauthorized corporate action: the *de facto* corporation, *ultra vires* acts; rights and obligations of officers, directors, and stockholders; rights of creditors; reorganization of corporations.

Three hours a week the second term. Warren's Cases (Second Edition). PROFESSOR TURCK.

**Louisiana Practice:** Two hours a week. Code of Practice of Louisiana and assigned cases. Instructor to be announced.

**Partnership:** Creation; partnership as to third persons by estoppel; tests as to existence of partnership; nature of partnership; partnership tenure and the effect of death thereon; rights and remedies of creditors of the firm and those of individual partners; duties and liabilities of partners *inter se*; powers of partners; dissolution; accounting; distribution; limited partnerships.

Three hours a week the first term. Burdick's Cases.

PROFESSOR TURCK.

**Trusts:** Nature and requisites; trust distinguished from debt, bailment, assignment of chose in action, equitable charge, executorship; language necessary to create trust; consideration; statute of frauds; subject-matter of trust, charitable trusts; trustee; *cestui que* trust; notice to *cestui*; nature of *cestui que* trust's interest; duties and obligations of trustee; investment of trust funds, custody of trust res, delegation of powers; transfer of trust property by trustee, by *cestui*, by death, forfeiture, marriage; effect of bankruptcy of trustee, of *cestui*; rights of creditors to reach interests of trustee; of *cestui*; extinguishment of trust; resulting and constructive trusts.

Two hours a week the first term. Ames' Cases.

PROFESSOR LANGMAID.

## FOUR YEAR COURSE

### First Year Class

**Torts:** See description of course in first year of the three year course.

**Courts and Judicial Procedure:** See description of course in first year of the three year course.

**English:** Composition and Rhetoric, American Literature. Courses offered by the department of English in the College of Arts and Sciences.

Three hours a week.

**English History:** Course 2 offered by the department of History in the College of Arts and Sciences.

Three hours a week.

**Mathematics:** Algebra, Plane Trigonometry, Analytic Geometry. Courses 1, 2 (a), and 3 offered by the department of Mathematics in the College of Arts and Sciences.

Five Hours a week.

**Latin or French:** Latin 0 or Latin 1, French 1 or 2, as offered by the departments of Classical and Romance Languages in the College of Arts and Sciences. Students offering no French for admission must take French 1.

Three hours a week.

**Physical Training.**

#### Second Year Class

**Contracts.**

**Criminal Law.**

**Criminal Procedure.**

**Personal Property.**

**Real Property at Common Law.**

**Roman Law.**

For description of these courses see the first year of the three year course.

**French or Economics,** as offered by the Faculty of Arts and Sciences. Students not having the equivalent of French 2 must take that course. Those having had the equivalent of French 2 may take Economics 1 or an elective to be approved by the law faculty.

Three hours a week.

#### Third and Fourth Years.

These are the same as the second and third years of the three year course.

---

### GENERAL INFORMATION

#### The Association of American Law Schools

The College of Law of Tulane University is a member of the Association of American Law Schools, an association of forty-seven law schools whose object is the improvement of legal education in

America, especially in the law schools. The association requires of the law schools comprising it the maintenance of certain standards of excellence and has among its members the leading law schools of the country.

### **Advantages of Location**

New Orleans offers many special attractions to the law student. Besides its municipal and other local courts, it is the seat of the Louisiana State Supreme Court, of the United States District Court, and of the United States Circuit Court of Appeals. The opportunity to observe the proceedings of these courts, the practice of many eminent lawyers, and the conduct of much of the most important commercial litigation of the South is no small advantage.

### **Studies in the College of Arts and Sciences**

The College of Law is located in Gibson Hall on St. Charles Avenue, opposite Audubon Park. It is, therefore, in close touch with the College of Arts and Sciences, and students may take advantage of the opportunity, if they have the time and feel the need, to pursue courses in history, political economy, languages, etc. The courses of study in the College of Arts and Sciences are open to law students capable of doing the work, without extra charge, upon securing permission from the secretary of the College of Law. Laboratory fees will be charged for courses requiring laboratory work.

The university library, gymnasium, and other facilities are open without distinction to all students of the University.

### **Law Library**

The library of the College of Law now consists of about 11,000 volumes. It includes the full reprint of English decisions from the earliest printed reports of the 16th century to 1865; a complete set of the English Law Reports since 1865; the reports of the United States Supreme Court; of the lower federal courts; and complete reports of the courts of last resort of all the States from their beginnings.

The library includes also a complete set of digests and encyclopedias, in addition to which there is a careful selection of text books. It is especially rich in works on the civil law, mainly the works of the leading French authors. There is also a small collection of authorities on the Roman law.

The library is situated in Gibson Hall and is furnished with steel stacks, large oak reading tables and suitable chairs. It is open to

students during the morning, afternoon, and evening of week days and Sunday forenoon.

Lawyers residing in New Orleans, or temporarily in the city, may have the use of the library upon application to the secretary of the College of Law.

The state law library, to which students have free access, is located in New Orleans and contains upwards of 40,000 volumes.

### **University Medical Service**

The University employs a competent physician as medical officer of the University to give medical advice and treatment to non-resident students. A student who is too ill to be treated in his room will be treated in the university infirmary at the expense of the University in cases of ordinary and non-surgical illness. For any of these services application must first be made by the student or by someone on his behalf to the university medical officer. The annual medical fee is \$5. Students residing in New Orleans with parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

### **Physical Training**

Attendance in the gymnasium during his first year for two half hours each week in systematic physical training is required of every student not over twenty-five years of age, who enters the first year of the course, unless he is excused by the university medical officer, or, on presenting satisfactory evidence of having had equivalent training at another college or university, is excused by the secretary of the College. At the opening of the term a thorough physical examination is given each student, and, when needed, special physical training or medical attention is prescribed. No request for excuse from the gymnasium work will be entertained unless this physical examination has first been made.

Optional classes are organized for the students in the upper classes and they are urged to give proper attention to systematic exercise.

**Address all inquiries about the law courses to**

**The Secretary of the College of Law,  
Tulane University, New Orleans.**

**COLLEGE OF MEDICINE**  
**SCHOOL OF MEDICINE**

**FACULTY—1919-1920**

ALBERT BLEDSOE DINWIDDIE, Ph. D., LL. D., President of the  
University. 1467 Arabella Street.

ROBERT SHARP, A. M., Ph. D., LL. D., *Emeritus* President of the  
University. 7325 St. Charles Avenue.

ISADORE DYER, Ph. B., M. D., Dean and Professor of Diseases  
of the Skin. 2222 Prytania Street.

JOHN BARNWELL ELLIOTT, A. B., M. D., *Emeritus* Professor of  
the Theory and Practice of Medicine. Highlands, N. C.

EDMOND SOUCHON, M. D., *Emeritus* Professor of Anatomy and  
Clinical Surgery. 2403 St. Charles Avenue.

LOUIS FAVROT REYNAUD, M. D., *Emeritus* Professor of *Matern*  
*Medica, Therapeutica, and Clinical Medicine.*  
1238 Josephine Street.

ERNEST SYDNEY LEWIS, B. Sc., M. D., *Emeritus* Professor of  
Obstetrics and Gynecology. 1625 Louisiana Avenue.

ABRAHAM LOUIS METZ, M. Ph., M. D., *Emeritus* Professor of  
Chemistry and Medical Jurisprudence. 9 Rosa Park.

RUDOLPH MATAS, M. D., Professor of General and Clinical  
Surgery. 2255 St. Charles Ave.

JOHN TAYLOR HALSEY, M. D., Professor of Pharmacology,  
Therapeutics, and Clinical Medicine. 1406 Seventh Street.

JOHN BARNWELL ELLIOTT, JR., A. M., M. D., Professor of  
the Theory and Practice of Medicine and of Clinical Medicine.  
1423 Louisiana Avenue.

ERASMUS DARWIN FENNER, A. B., M. D., Professor of Or-  
thopedics and Surgical Diseases of Children.

1134 First Street.  
MARCUS FEINGOLD, M. D., Professor of Ophthalmology.  
4206 St. Charles Avenue.

CHARLES WARREN DUVAL, M. A., M. D., Professor of Pathology  
and Bacteriology. 8 Richmond Place.

IRVING HARDESTY, A. B., Ph. D., Professor of Anatomy.  
1301 Pine Street.

**ERMANN BERTRAM GESSNER, A. M., M. D., Professor of  
Operative Surgery and of Clinical Surgery.**

119 Audubon Boulevard.

**GEORGE SAM BEL, M. D. Professor of Clinical Medicine.**

1204 Napoleon Avenue.

**AMUEL MARMADUKE DINWIDDIE CLARK, B. Sc., M. D.,  
Professor of Gynecology and Clinical Obstetrics.**

14 Rosa Park.

**AMES BIRNEY GUTHRIE, B. Sc., M. D., Professor of Clinical  
Medicine.**

1628 State Street.

**CHARLES JEFFERSON MILLER, M. D., Professor of Obstetrics  
and Clinical Gynecology.**

1638 Joseph Street.

**CHARLES CASSEDY BASS, M. D., Professor of Experimental Medi-  
cine and Director of the Laboratories of Clinical Medicine.**

1338 Broadway.

**\*JOSEPH DEUTSCH WEIS, M. D., Professor of Tropical and Clini-  
cal Medicine.**

1448 Jackson Avenue.

**ISAAC IVAN LEMANN, M. D., Professor of Clinical Medicine.**

6110 St. Charles Avenue.

**ROY MCLEAN VAN WART, B. A., M. D., Professor of Psychiatry.**

450 Audubon Street.

**WALTER EUGENE GARREY, B. S., Ph. D., M. D., Professor of  
Physiology.**

2123 Palmer Avenue.

**STEPHEN MERTLE BLACKSHEAR, M. D., Clinical Professor of  
Otology, Rhinology and Laryngology.**

3218 St. Charles Avenue.

**JAMES PHARES O'KELLEY, M. D., Clinical Professor of Otology,  
Rhinology and Laryngology.**

1701 Marengo.

**HENRY EDWARD MENAGE, M. D., Clinical Professor of Diseases  
of the Skin.**

4620 St. Charles Avenue

**LAURENCE RICHARD DEBUYS, B. S., M. D., Professor of Pedi-  
atrics.**

1776 State Street.

**JACOB WARREN NEWMAN, Ph. D., M. D., Clinical Professor of  
Obstetrics.**

3512 St. Charles Avenue.

**JOSEPH HUME, Ph. B., M. D., Professor of Genito-Urinary and Ven-  
ereal Diseases.**

1623 Seventh Street.

**WILLIAM HENRY SEEMANN, M. D., Professor of Hygiene.**

4439 De Montluzin Street.

**HENRY BAYON, A. M., M. D., Professor of Applied Anatomy.**

2212 Napoleon Avenue.

\*Absent on leave.



- OSCAR DOWLING, M. D., Professor of Public Health.  
1402 Peters Avenue.
- OSCAR WALTER BETHEA, Ph. G., M. D., F. C. S., Clinical Professor of Therapeutics.  
1735 Carrollton Avenue.
- JOHN SMYTH, M. D., Professor of Clinical Surgery.  
7 Richmond Place.
- CARROLL WOOLSEY ALLEN, M. D., Professor of Clinical Surgery.  
43 Audubon Boulevard.
- URBAN MAES, M. D., Professor of Clinical Surgery.  
1671 Octavia Street.
- ISIDORE COHN, M. D., Professor of Clinical Surgery.  
1831 Bordeaux Street.

## ASSISTANT PROFESSORS

- MAURICE JOHN COURET, A. M., M. D., Assistant Professor of Pathology and Bacteriology.  
3803 Camp Street.
- CHARLES LEVERICH ESHLEMAN, A. B., M. D., Assistant Professor of Clinical Medicine.  
1138 Third Street.
- FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of Physiology and of Pharmacology.  
Biloxi, Miss.
- WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor of Pathology.  
7011 Broad Place.
- SIDNEY KOHN SIMON, A. B., M. D., Assistant Professor of Clinical Medicine.  
1533 Henry Clay Avenue.
- JOHN ALEXANDER LANFORD, Ph. G., M. D., Assistant Professor of Surgical Pathology.  
Touro Infirmary.
- RANDOLPH LYONS, A. B., M. D., Assistant Professor of Clinical Medicine.  
1428 First Street.
- MARION SIMS SOUCHON, M. D., Assistant Professor of Clinical Surgery.  
2405 St. Charles Avenue.
- VICTOR CONWAY SMITH, M. D., Assistant Professor of Ophthalmology.  
1417 Annunciation Street.
- ROBERT ALEXANDER STRONG, M. D., Assistant Professor of Pediatrics.  
P. O. Box 95, Pass Christian, Miss.
- PAUL AVERY McILHENNY, M. D., Assistant Professor of Orthopedics and Surgical Diseases of Children.  
1313 Philip Street.
- RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology.  
1524 Harmony Street.
- LUTHER SEXTON, M. D., Assistant Professor of Clinical Minor Surgery.  
1623 Fourth Street.

**FOSTER MATTHEW JOHNS, M. D.,** Assistant Professor of Medicine in the Laboratories of Clinical Medicine.

200 S. Cortez Street.

**JOSEPH MARIA THURINGER, M. D.,** Assistant Professor of Anatomy.

7419 Hampson Street.

**EPHRAIM MACDONALD EWING, A. M., Sc. D., M. D.,** Assistant Professor of Physiology.

Station 20.

**HENRY DASPIT, M. D.,** Assistant Professor of Diseases of the Nervous System.

1416 Marengo Street.

**STANFORD CHAILLÉ JAMISON, M. D.,** Assistant Professor of Clinical Medicine.

145 S. Rampart Street.

**LUCIAN HYPOLITE LANDRY, M. D.,** Assistant Professor of Clinical Surgery.

1214 Nashville Avenue

**EDMUND MOSS, M. D.,** Assistant Professor of Clinical Medicine.

Octavia Apartments.

**WILMER BAKER, M. D.,** Assistant Professor of Anatomy.

Station 20.

#### DEMONSTRATORS, LECTURERS, AND INSTRUCTORS

**WILLIAM MARTIN PERKINS, B. Sc., M. D.,** Instructor in Clinical Surgery.

2123 Coliseum Street.

**HAMILTON POLK JONES, M. D.,** Instructor in Clinical Medicine.

1806 Milan Street.

**ANSEL MARION CAINE, M. D.,** Instructor in Anesthetics.

1528 Louisiana Avenue.

**GEORGE KING LOGAN, M. D.,** Clinical Assistant in Orthopedics and Surgical Diseases of Children.

1539 Philip Street.

**JAMES CLIFTON COLE, M. D.,** Instructor in Medicine and in the Laboratories of Clinical and Tropical Medicine.

2118 Joliet Street.

**ERNEST CHARLES SAMUEL, M. D.,** Instructor in Clinical Medicine and Radiology.

1522 Aline Street.

**HENRY LEIDENHEIMER, M. D.,** Clinical Assistant in Surgery.

1836 Dante Street.

**EPHRAIM DENEUFBOURG FRIEDRICHS, M. D.,** Instructor in Clinical Obstetrics.

474 Pine Street.

**WILLIAM DAVID PHILLIPS, B. S., M. Phar., M. D.,** Instructor in Clinical Obstetrics.

479 Audubon Street.

**MARY ELIZABETH BASS, M. D.,** Instructor in Laboratory of Clinical Medicine and Instructor in Pathology and Bacteriology.

3513 Prytania Street.

**MARION EARLE BROWN, M. D.,** Clinical Assistant in Medicine.

Gretna, La.

- ADOLPH DeCAMPUS HENRIQUES, M. D., Instructor in Physiology, and in Clinical Medicine and Radiology.  
4726 Prytania Street.
- ROBERT TROUSDALE PERKINS, A. B., M. D., Clinical Assistant in Surgery.  
1135 Fern Street.
- WILLIAM ALVIN LOVE, A. B., M. Ph., M. D., Instructor in Clinical Medicine and Medical Officer of the University.  
1423 Valence Street.
- FRANK JAMES KINBERGER, M. D., Instructor in Pediatrics.  
5227 Camp Street.
- CHARLES JAMES BLOOM, B. S., M. D., Instructor in Pediatrics.  
4818 Carondelet Street.
- EDWARD LACY KING, A. B., M. D., Instructor in Obstetrics.  
821 Robert Street.
- WALDEMAR RICE METZ, B. S., M. D., Instructor in Medicine and Demonstrator in Pathology and Bacteriology.  
9 Rosa Park.
- JOHN FLEMING DICKS, M. D., Lecturer and Instructor in Gynecology.  
15 Audubon Boulevard
- SIDNEY FRANCIS BRAUD, A. B., M. D., Instructor in Pediatrics.  
48 Audubon Boulevard.
- PETER FRANCIS MURPHY, M. D., Clinical Assistant in Medicine.  
4905 St. Charles Avenue
- ROY BERTRAND HARRISON, M. D., Clinical Assistant in Surgery.  
2327 Napoleon Avenue.
- SIMON GEISMAR, M. D., Instructor in Clinical Surgery.  
1539 Louisiana Avenue.
- LUCIEN AMÉDÉE FORTIER, M. D., Clinical Assistant in Surgery.  
5008 Magazine Street.
- PHILIPS JOHN CARTER, B. S., M. D., Instructor in Clinical Obstetrics.  
4205 Pitt Street.
- WILL O'DANIEL JONES, M. D., Clinical Instructor in Gynecology.  
1321 State Street.
- GEORGE BUNCH ADAMS, M. D., Instructor in Pathology and Bacteriology.  
Charity Hospital.
- LOUIS ALEXANDER HEBERT, B. S., M. D., Demonstrator in Pathology.
- THOMAS BENTON SELLERS, M. D., Instructor in Anatomy.  
7808 Elm Street.
- HENRY JOHN LINDNER, M. D., Instructor in Genito-Urinary and Venereal Diseases.  
5653 Woodlawn Place.

- HAROLD JOSEPH GONDOLF, M. D.**, Instructor in Laboratory of Clinical Medicine and Assistant in Medicine.  
3828 Dryades Street.
- WILLIAM SAMUEL KERLIN, M. D.**, Clinical Assistant in Medicine and Assistant Demonstrator in Pathology and Bacteriology.  
5900 Prytania Street.
- ROBERT BERNHARD, M. D.**, Lecturer and Instructor in Medicine.  
2506 Louisiana Avenue.
- HENRY CLARENCE LOCHTE, M. D.**, Assistant Instructor in Laboratory of Clinical Medicine.  
706 Carrollton Avenue.
- LOUIS VYASA JAMES LOPEZ, M. D.**, Clinical Assistant in Psychiatry.  
3711 Carondelet Street.
- JAMES MONROE BAMBER, M. D.**, Lecturer and Instructor in Medicine.  
124 South Bernadotte Street.
- EDMUND LAWRENCE LECKERT, M. D.**, Clinical Assistant in Surgery.  
1225 Magazine Street.
- PAUL GEORGE LACROIX, B. S., M. D.**, Demonstrator in charge of Laboratory of Minor Surgery.  
506 Flood Street.
- HENRY NATHAN BLUM, M. D.**, Instructor in Ophthalmology.  
1436 Webster Street.
- LOUIS JOSEPH DUBOS, JR., A. B., M. D.**, Instructor in Clinical Medicine.  
7503 St. Charles Avenue.
- MUIR BRADBURN, B. S., M. D.**, Assistant Demonstrator in Operative Surgery.  
2336 Octavia Street.
- HENRY THEODORE SIMON, M. D.**, Assistant in Clinical Medicine.  
1617 St. Charles Avenue.
- COVINGTON HARDY SHARP, M. D.**, Clinical Assistant in Otol-ogy, Rhinology and Laryngology.  
7325 St. Charles Avenue.
- PETER GRAFFAGNINO, M. D.**, Assistant Instructor in Gynecol-ogy.  
731 Carrollton Avenue.
- ADDLEY HOGAN GLADDEN, JR., A. B., M. D.**, Clinical Assist-ant in Gynecology.  
1429 Henry Clay Avenue.
- HILLIARD EVE MILLER, M. D.**, Assistant Instructor in Obstetrics  
1 Audubon Place.
- OCTAVE CHARLES CASSEGRAIN, M. D.**, Clinical Assistant in Surgery.  
5224 Pitt Street.
- HARRY EVERETT NELSON, M. D.**, Clinical Assistant in Surgery  
2926 Canal Street.
- ABRAHAM MATTES, M. D.**, Instructor in the Laboratory of Clinical Medicine.  
1719 Baronne Street.
- DOMINICK ANDREW PALMISANO, M. D.**, Clinical Assistant in Medicine.  
1438 Pine Street.

- ROBERT ALFRED DAVIS, M. D., Clinical Assistant in Ophthalmology,  
1125 Lowerline Street.
- JOSEPH SECOND HEBERT, M. D., Instructor in Obstetrics.  
4939 Dryades Street.
- ROBERT HOLLINGSWORTH POTTS, M. D., Instructor in Pathology.  
Touro Infirmary.
- ANDREW VALLOIS FRIEDRICHS, B. S., M. D., Assistant Demonstrator in Pathology.  
Metairie Ridge.
- LAWRENCE ARTHUR JAMES BRENNAN, M. D., Assistant Demonstrator in Pathology.  
1409 Magnolia Street
- MAUD LOEBER, A. B., M. A., M. D., Instructor in Pediatrics.  
1424 Milan Street.
- RICHARD SMITH CRICHLow, B. S., M. D., Instructor in Anatomy.  
7037 Freret Street.
- THEODORE FRANK KIRN, M. D., Clinical Assistant in Surgery.  
3310 Cleveland Avenue.
- LEONARD CASE SCOTT, B. S., Ph. D., M. D., Instructor in the Laboratories of Hygiene and Public Health.  
442 Lowerline Street.
- CLARENCE PRENTICE MAY, M. D., Clinical Assistant in Surgery.  
2425 Coliseum Street.
- LOUIS IRA TYLER, M. D., Clinical Assistant in Pediatrics.  
3116 Prytania Street.
- RICHARD ASHMAN, Litt. B., Instructor in Physiology.  
1403 Calhoun Street.
- FRANK WILLIAM MORGAN, Phar. D., Demonstrator in Physiology.  
8213 Spruce Street.
- CHARLES SHUTE HOLBROOK, B. S., M. D., Clinical Assistant in Psychiatry.  
908 Burdette Street.
- BEN RUFUS HENINGER, M. D., Clinical Assistant in Medicine.  
5111 Pitt Street.
- LEON J. MENVILLE, M. D., Clinical Assistant in Medicine.  
1201 Maison Blanche.
- JOHN RAYMOND HUME, Clinical Assistant in Otology, Rhinology and Laryngology.  
5521 Atlantic Street.
- REYNOLDS CHRISTIAN VOSS, M. D., Clinical Assistant in Pediatrics.  
7921 Burthe Street.
- GEORGE JOSEPH DEREYNA, JR., M. D., Clinical Assistant in Pediatrics.  
1224 N. Claiborne Street.
- CHARLES VIRGINIUS UNSWORTH, M. D., Clinical Assistant in Psychiatry.  
1476 Henry Clay Avenue.

- HAROLD CUMMINS, A. B.,** Instructor in Anatomy.  
Station 20.
- CHARLES HENRY VOSS, A. B., M. D.,** Assistant in Anatomy.  
7808 Elm Street.
- JOHN GALBRAITH PRATT, M. D.,** Clinical Assistant in Genito-  
Urinary and Venereal Diseases. 1230 State Street
- LEWIS CASS SPENCER, B. Sc., M. D.,** Instructor in Orthopedics  
and Surgical Diseases of Children. 226 Audubon Boulevard.
- ELEAZAR ROBINSON BOWIE, B. S., M. D.,** Assistant Instructor  
in Clinical Medicine and Radiology.
- JOHN JOSEPH IRWIN, B. Sc., M. D.,** Clinical Assistant in Otol-  
ogy, Rhinology and Laryngology. 729 Second Street.
- EMILE BLOCH, M. D.,** Clinical Assistant in Surgery.  
7209 St. Charles Avenue.
- IDYS MIMS GAGE, M. D.,** Clinical Assistant in Surgery.
- ALBERT BALDWIN PITKIN, M. D.,** Clinical Assistant in Surgery.  
632 Esplanade Avenue.
- ANDREW DOMINIC MOULEDOUS, Ph. G., M. D.,** Clinical As-  
sistant in Surgery. 1102 Lowerline Street.
- MARCY JOSEPH LYONS, M. D.,** Clinical Assistant in Surgery.  
1626 Carrollton Avenue.
- RANCIER BURT EHLINGER, B. Sc., M. D.,** Demonstrator in  
Pathology. 1424 Esplanade Avenue.
- JOSEPH RIGNEY D'AUNOY, B. Sc., M. D.,** Demonstrator in  
Pathology. 1935 Ursuline Avenue.
- SAMUEL FLETCHER ELDER, B. A.,** Student Assistant in Anatomy.  
1537 Calhoun Street.
- ARTHUR VIDRINE, A. B.,** Student Assistant in Physiology and  
Pharmacology. 1911 Milan Street.
- JOSEPH SICOMO, Student Assistant in Anatomy.**  
2532 Dante Street.
- JOHN MARTIN DANNEKER, Assistant in Chemistry.**  
1518 Poland Avenue

## **ANNOUNCEMENT**

---

This department was founded in 1834, as the **Medical College of Louisiana**; in 1847 it became the **Medical Department of the University of Louisiana**, around which the **Colleges of Law and of Arts and Sciences** developed, until in 1884, the **University of Louisiana** became the **Tulane University of Louisiana**. It is the oldest **Medical College** in the Southwest and has the greatest number of **Alumni**. To June, 1919, there have been graduated 4936 in **Medicine**.

---

## **GENERAL STATEMENT**

Beginning with the session 1913-14, the name of The Tulane Medical Department was changed to **THE TULANE COLLEGE OF MEDICINE**, which embraces the **School of Medicine**, The **School of Pharmacy**, The **Graduate School of Medicine**, and The **School of Dentistry**.

## **SCHOOL OF MEDICINE**

---

**The Eighty-Sixth Annual Session Opens MONDAY, SEPTEMBER 29, 1919.**

Students of the first two years are taught on the University Campus. During the last two years the courses are given in the Hutchinson Memorial on Canal Street, near the business center, and at the various institutions with which the Tulane Medical School is associated, viz., the Charity Hospital, the Touro Infirmary, etc.

---

### **RICHARDSON MEMORIAL**

and

### **RICHARDSON CHEMISTRY BUILDING**

The Richardson Memorial Building on the Tulane Campus provides the laboratories and equipment for all the teaching of the first two years, excepting for Chemistry, which is taught in the extensive laboratories of the Richardson Chemistry Building, also located on the Tulane Campus. The facilities afforded for the thorough instruction of students in their first two years in medicine are fully in accord with the highest demands of modern medical education.

---

### **HUTCHINSON MEMORIAL**

The Josephine Hutchinson Memorial Building on Canal Street, with its numerous laboratories and lecture halls provides every facility for the teaching of the last two years. This building is located within two blocks of the Charity Hospital where most of the clinical instruction is conducted.

---

### **DORMITORIES FOR MEDICAL STUDENTS**

Dormitories have been provided in the first two years, for a limited number of medical students who will have the surroundings of a residential neighborhood and, besides, the contact with the students of the undergraduate colleges, thus broadening their education and college spirit.

---

### **LIBRARIES**

The library of the Medical Department is conveniently arranged for reference, in the Hutchinson Memorial, with about 10,230 valuable books and about 4,850 pamphlets, as well as an excellent file of the



current medical journals. Additions are being constantly made to this valuable adjunct of medical education. Additional special library facilities are arranged in each of the laboratory divisions.

### **CHARITY HOSPITAL**

The use of the wards of the great Charity Hospital of New Orleans, with over 1100 beds, annually occupied by from nine to ten thousand patients, and the use of two clinical buildings, with about 30,000 outdoor patients annually, have been given by the Legislature to the teaching staff of the College of Medicine of The Tulane University of Louisiana, for the practical instruction of its students, not only in all the divisions of medicine and surgery, but also in obstetrics and gynecology, as well as in pathology. Medical students are given access to the Charity Hospital free, and enjoy far better opportunities for the study of diseases therein than are usually possible in the hospitals of other cities. For the study of diseases of the South and also of exotic types of conditions of tropical origin there is no field comparable to the wards of this hospital. Between the Josephine Hutchinson Memorial Building of the College of Medicine and the Charity Hospital there are only two squares, which distance is readily walked in three minutes.

### **OUT CLINICS**

The clinical buildings for outdoor patients are subdivided into different services, namely: for medical cases, for nervous diseases, for surgical cases; for genito-urinary and venereal diseases; for skin diseases; for diseases of the eye; of the ear, nose and throat, and for cases of dentistry. In addition to these services there is a surgical service for boys, an obstetrical and a gynecological service, and a pediatric service. There is also a Pasteur Clinic for all races, ages, and sexes.

### **MILLIKEN MEMORIAL**

The advantages of the Charity Hospital, as one of the greatest schools in the world for practical instruction, were further increased in 1899 by the addition of the Milliken Memorial, a model building for the accommodation of two hundred sick children.

### **THE DELGADO MEMORIAL**

The Delgado Memorial was completed and formally dedicated at the Charity Hospital with appropriate ceremonies on December 19th, 1908, and was opened for the reception of patients on April 19th, 1909. This beautiful building was "erected in loving memory of Samuel and Virginia Delgado, for the relief of the suffering poor of both sexes who

may be benefited by the Science and Art of Surgery." The Memorial occupies a conspicuous place on the grounds of the Charity Hospital with the entrance facing on Tulane Avenue. It is a five story building, strictly fire-proof. It was erected and equipped at a cost of two hundred thousand dollars.

The honor of naming the two chief operating rooms the "Ernest S. Lewis" and the "Rudolph Matas" operating rooms was conferred by Mr. Delgado on these two members of the Tulane Faculty, with the concurrence and approval of the Board of Administrators of the Hospital, not only as an expression of his personal friendship for these gentlemen, but of his appreciation of their long service as visiting surgeons and teachers at the Charity Hospital.

The greatest significance is attached to Mr. Delgado's generous donation from the point of view of medical education and progress, and he has specifically stated that the operative material of the Memorial shall always be at the disposition of the heads of the departments of Surgery and Gynecology in Tulane, and for these departments the building was erected and arranged.

Upon the death of Mr. Isaac Delgado, on January 4, 1912, the further sum of \$100,000 was left in trust with the provision that the income should be administered in carrying out the original wishes of the testator when the Memorial was erected. That this might be done in the further interest of the School of Medicine the trustees named were Professors Matas and Lewis and the Dean of the School of Medicine and their successors.

---

### CLINICAL INSTRUCTION

The professors and clinical instructors are attending physicians or surgeons of the various hospitals and visit their wards and clinics daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded and are taught practically, including all modern methods of clinical, microscopical and laboratory diagnosis, and surgical procedure and technic. Surgical operations are performed and lectures delivered upon selected cases in the amphitheaters of the hospital.

Special clinical instruction is given to all students of the third and fourth years, who are for this purpose divided into sections and assigned to the professors and clinical instructors in charge of wards and outdoor clinics of the hospitals. The classes thus formed interchange courses so that all students enjoy equal advantages. Compe-

tent assistants aid the clinical teachers in developing this system of instruction.

Lectures on all branches where demonstrations of cases are practicable and of service, will be delivered in the Hospital amphitheater daily.

Sections of the classes are taught gross and special pathology by practical demonstrations in the autopsy rooms of the Pathological Department of the Hospital and in the special laboratories of the Hutchinson Memorial.

---

## HOSPITAL INTERNS

---

### CHARITY HOSPITAL

The administrators of the Charity Hospital select annually, ten to twenty resident interns *from the more meritorious members of the graduating class of the Tulane School of Medicine* upon the recommendation of the Dean. These interns are entitled to board and lodging in the institution free of charge and enjoy many privileges and opportunities incident to a two years' incumbency.

### TOURO INFIRMARY

Eight or more interns, who must also be graduates, are selected annually by the Administrators of the Touro Infirmary, upon the recommendation of the Dean of the School of Medicine.

This institution is representative of the highest type of hospital detail and equipment in all of its departments. It is non-sectarian in its charity, though the administration is directed by prominent members of the Jewish community. The visiting staff is derived from the best available men in all branches, and the Faculty of the School of Medicine of Tulane is well represented.

Through the courtesy of the Board and of the medical staff, surgical operations and other clinics at Touro Infirmary are witnessed by groups of men from the third and fourth year classes, regularly assigned to the professors and instructors in various clinical branches.

While this institution provides for the care of private patients, its charity wards and extensive clinics care for thousands of cases annually.

---

## EXTERN SERVICE

During the summer months students who have satisfactorily completed their third year and who have registered for the next session may receive appointments as externs at the Charity Hospital and at the Touro Infirmary on recommendation of the Faculty.

**OTHER HOSPITALS AVAILABLE**

A number of other Hospitals in Louisiana, Alabama, Mississippi, Texas and other States, offer excellent experience, appointments to which are obtained by meritorious students upon the recommendation of the Faculty of the Tulane School of Medicine.

A number of Tulane graduates avail themselves of the ship services out of New Orleans, which are available during the summer months.

**REQUIREMENTS FOR ADMISSION**

(See page 45)

**Women are admitted to all classes on the same terms as men.**

The requirements for admission to the School of Medicine of the Tulane University of Louisiana are as follows:

**ADMISSION TO FRESHMAN CLASS**

1. **Certificate of Graduation** from an acceptable High School with four years of study and fifteen units, three of which must be in English, two and a half in Mathematics, two in Latin, Greek, French, Spanish or German; one in History; the remainder (six and a half units) in acceptable credits may be elected among the following:

1. English Composition	2	16. Physics	1
2. English Literature	1 or 2	17. Chemistry	1
3. Elementary Algebra	1 ½ or 2	18. Biology (Bot. and Zool.)	1
4. Plane Geometry	1	19. Botany	1
5. Solid Geometry	½	20. Zoology	1
6. Trigonometry	½	21. Physiology	1
7. Latin	2, 3 or 4	22. Physiography	1
8. Greek	2 or 3	23. Freehand Drawing	1
9. French	2 or 3	24. Mechanical Drawing	½
10. Spanish	2	25. Wood-working	½
11. German	2 or 3	26. Foundry Work.	½
12. Ancient History	1	27. Forge Work	1
13. Med. and Mod. Hist.	1	28. Machine Tool Practice	1
14. English History	1	29. Comparative Anatomy	1
15. American History	1	30. Pharmacy	1 or 2

No science credits in the high schools will be allowed without clear statement of laboratory periods.

2. **Certificate showing credits for two years of acceptable college work of not less than 60 semester hours, which must include one year of Biology, one year of Physics, one year of General Chemistry, and one-half year of Organic Chemistry; one year of English, and one year of a modern foreign language.**

(For the Session of 1919-1920, Organic Chemistry may be carried as a condition.)

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

To meet these requirements, The Tulane University of Louisiana offers, in the College of Arts and Sciences, to graduates of acceptable high schools—

### Pre-Medical Course Not Leading to B. S. Degree

#### FIRST YEAR

English 1. Rhetoric, Composition, Literature.....	3
Latin 1,* Greek 1,* French 1, or Spanish 1.....	3
Chemistry 1. General.....	5
Zoology 1; Botany 1,**.....	5
Drawing 1. Freehand.....	1
Elective... ..	3
Physical Training .....	1

21

#### SECOND YEAR

French 2 or Spanish 2.....	3
Physics 1. Experimental.....	5
Zoology 2. (General Embryology) First term } .....	5
Chemistry 5. (Organic) Second term }	
Psychology or History.....	3
Elective.....	3

19

This course is arranged for the purpose of preparing the intending student of medicine who may enter the Freshman class in two years, upon completing the subjects as outlined.

### COMBINED COURSE FOR THE B. S. AND M. D. DEGREES

A Combined Course is also offered in the College of Arts and Sciences through which a student, after two years of college work and two years in the regular medical course, may obtain the Bachelor of Science degree, and, after two years more in the School of Medicine, the degree of Doctor of Medicine may be received.

To obtain the degree of Bachelor of Science, the candidate must have spent at least one year in the College of Arts and Sciences of the Tulane University of Louisiana and must have completed at least fifteen hours, of those required for the degree, in the College of Arts and Sciences.

### Pre-Medical Course Leading to B. S. Degree

FIRST YEAR	HOURS
English 1. Rhetoric, Composition, Literature.....	3
Latin 1,* Greek 1,* French 1, or Spanish 1.....	3
Mathematics 2, 3. Trigonometry, Analytic Geometry.....	3
Chemistry 1. General.....	5
Zoology 1; Botany 1**.....	5
Drawing 1. Freehand.....	1
Physical Training .....	1
	<hr/> 21

### SECOND YEAR

English 2. English Literature.....	3
French 2.or Spanish 2.....	3
Physics 1. Experimental.....	5
Zoology 2. (General Embryology) First term }	5
Chemistry 5. (Organic) Second term }	
Psychology or History.....	3
	<hr/> 19

\*Latin 1, or Greek 1, may be taken by those who have had two years of a modern language in the high school.

\*\*The course in Biology must include at least one-half year of Botany and one-half year of Zoology.

### REGISTRATION FOR PRE-MEDICAL COURSES

As these pre-medical courses are offered to students preparing to study medicine and as the arrangement of studies and classes will be made to that end, all students applying for these courses are required to register for the same with the Dean of the Tulane School of Medicine. All inquiry concerning such courses and the preliminary arrangements for such should be directed to the School of Medicine.

### REQUIREMENTS FOR ADVANCED GRADES

Official evidence showing that the holder has attended one full medical course in any regular, recognized medical college, is essential

to matriculating for a second year course; and every student, prior to matriculating for a third or fourth year course, shall be required to show by similar evidence that he has previously taken two or three annual courses in medicine. To be credited with a full course, at least eighty per cent of the session must have been attended.

Students from other colleges entering the second, third, or fourth year will be required to present evidences of preliminary education, conforming to the requirements of admission to the Freshman Class at this school.

Students from other colleges, who may enter any year of this school, will be required to present a clear statement of passing credits on all subjects of years prior to the year in which admission is sought and such credits must cover the subjects and courses as given at Tulane and as outlined in the synopsis and tables given below.

Honorable dismissal from school of previous attendance is required.

Students from Class B Colleges will be required to satisfy the entrance requirements and to pass examinations on all branches covered in the Tulane curriculum of the first two years. Not more than two year's credit will be allowed students from Class B Schools.

---

### SYNOPSIS—STUDIES AND EXAMINATIONS

The full course of Lectures and all Laboratory Courses will begin Wednesday, October 1, 1919.

**First Year (Freshman)** (a)—Chemistry, anatomy; chemistry, histology, embryology, organology, osteology, minor surgery, practical anatomy (dissecting), in their laboratories; physical training.

(b) Examinations will be required during or at the close of the first year on branches taught in this year, embraced by the departments of chemistry and anatomy. Records of satisfactory attendance and knowledge in the laboratories of chemistry, of histology, embryology and organology, of practical anatomy, and of physical training will also be required.

**Second Year (Sophomore)** (a)—Anatomy, physiology, materia medica and pharmacology with their laboratories; physical diagnosis, and minor surgery, in their laboratories; neurology, topographical anatomy, physiology, pharmacology, pathology and bacteriology, in their laboratories.

(b) Examinations will be required during or at the close of the second year on the branches taught in this year, embraced in the departments of anatomy, physiology, of materia medica and pharmacology, physical diagnosis, pathology and bacteriology and of minor surgery. Records of satisfactory knowledge and attendance in the laboratories of anatomy, of minor surgery, of physiology, of pharmacology, and of pathology and bacteriology, will also be required.

**Third Year (Junior)** (a)—Theory and principles of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations in normal labor), and clinical instruction in those branches, gross pathological anatomy, physical diagnosis; therapeutics; clinical medicine, hygiene, diseases of the eye, of the nervous system; psychiatry, diseases of the skin, genito-urinary and venereal diseases, diseases of children; hygiene, pathology and clinical medicine in these laboratories.

(b) Examinations will be required during or at the close of the third year on the branches taught in this year and embraced by the departments of the practice of medicine, of therapeutics, of surgery, of obstetrics, of diseases of children, and of pathological anatomy, clinical medicine, hygiene, physical diagnosis, diseases of the eye, diseases of the skin, of the nervous system, psychiatry, genito-urinary and venereal diseases. Records of satisfactory attendance and knowledge from the laboratories of hygiene, pathology and of clinical medicine will be also required.

**Fourth Year (Senior)** (a)—The practice of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations), of therapeutics, and clinical instruction in those branches, psychiatry, diseases of the nervous system, of children, of the skin, of the eye, ear, nose, and throat, orthopedics, medical jurisprudence and toxicology; pathology, clinical medicine, tropical and preventive medicine, and operative surgery in these laboratories.

(b) Examinations will be required during or at the close of the fourth year, on the branches taught in this year, embraced by the departments of the practice of medicine, of therapeutics, of tropical and preventive medicine, of surgery, of obstetrics, of pathology, of gynecology, of the diseases of children, of psychiatry, diseases of the nervous system, of the skin, and of the eye, of the ear, nose, and throat, of orthopedics and of medical jurisprudence. A record of satisfactory attendance and knowledge from the laboratories of clinical and tropical medicine, pathology and of operative surgery will also be required.



**Physical Training:** *Male students in the School of Medicine must satisfy the scheduled hours in physical training, and obtain a passing grade from the physical director, showing credit for one year's work in the Freshman class. Students offering established credits from other institutions may be excused if such credits satisfy the requirements of this institution, but such credits will not exempt them from payment of the required fee.*

### TABLE OF SUBJECTS EACH YEAR

FIRST YEAR	SECOND YEAR
<b>Anatomy</b>	<b>Anatomy</b>
<i>Gross Anatomy</i> }	<i>Neurology</i>
<i>Osteology</i> }	<i>Topographical Anatomy</i>
<i>Embryology</i>	<b>Bacteriology</b>
<i>Histology</i>	<b>Minor Surgery</b>
<i>Organology</i>	<b>Pathology</b>
<b>Chemistry (Physiological)</b>	<b>Pharmacology</b>
<i>Didactic</i>	<b>Physical Diagnosis</b>
<i>Laboratory</i>	<b>Physiology</b>
<b>Physical Training</b>	
THIRD YEAR	FOURTH YEAR
<b>Clinical Surgery (Minor)</b>	<b>Diseases of Children</b>
<b>Diseases of Children</b>	<b>Diseases of Ear, Nose and Throat</b>
<b>Diseases of Eye</b>	<b>Diseases of Eye</b>
<b>Diseases of Nervous System</b>	<b>Diseases of Nervous System</b>
<b>Diseases of Skin</b>	<b>Diseases of Skin</b>
<b>Genito-Urinary and Venereal Diseases</b>	<b>Gynecology</b>
<b>Gynecology</b>	<b>Laboratory of Clinical Medicine</b>
<b>Hygiene and Preventive Medicine</b>	<b>Medical Jurisprudence and Toxicology</b>
<b>Laboratory of Clinical Medicine</b>	<b>Medicine</b>
<b>Medicine</b>	<i>(including Physical Diagnosis, Internal Medicine, and Tropical Medicine.)</i>
<b>Obstetrics</b>	<b>Obstetrics</b>
<b>Pathology</b>	<b>Operative Surgery</b>
<b>Physical Diagnosis</b>	<b>Orthopedics</b>
<b>Psychiatry</b>	<b>Pathology</b>
<b>Surgery</b>	<b>Psychiatry</b>
<b>Therapeutics</b>	<b>Surgery</b>
	<b>Therapeutics</b>

### REMOVAL OF CONDITIONS

Students of the first three years who have attended any session and failed to pass satisfactorily the examinations required for that session, and students from other colleges who may be conditioned at entrance, may stand the examinations for the removal of such conditions, at the Fall examinations held for that purpose.

Any student failing on two subjects in the Freshman year shall be required to repeat the year. Any student with one failed subject may remove that subject at the fall examination for conditioned students or may carry one condition into the Sophomore year, with the understanding that said condition must be removed before the beginning of the next session following.

Any student failing on three subjects in the Sophomore year shall be required to repeat the year. Any student with two failed subjects may remove these at the fall examination for conditioned students. If only one subject is removed the student may advance to the Junior year, with the understanding that the remaining condition must be removed before the end of the Junior year. *In the event that neither of the two conditions are removed, the student cannot advance to the Junior year.*

**ALL SUBJECTS OF PREVIOUS YEARS MUST HAVE BEEN PASSED, BEFORE ADMISSION TO THE SENIOR YEAR IS ALLOWED.**

*Any student, who, during his courses in this college, convicts himself of defective general education, shall be required to remove this disability before he is graduated.*

---

### QUALIFICATION COMMITTEES

A committee from the Faculty of the first two years regularly reviews the work of all those students who are deficient, in order that the Faculty may pass upon their fitness to advance or to remain in the school. A like committee from the Faculty of the last two years follows a similar plan for the students in the upper classes.

### SCHEDULE OF CONDITION EXAMINATIONS FALL OF 1919

	9-11 A. M.	1-3 P. M.
<b>September</b>		
<b>Thursday</b>	<b>11</b> Skin Diseases	Psychiatry; Dis. of Nervous System.
<b>Friday</b>	<b>12</b> Medicine; Therapeutics	Obstetrics and Gynecology.
<b>Saturday</b>	<b>13</b> Surgery	Genito-Urinary and Venereal Dis.
<b>Monday</b>	<b>15</b> Hygiene. Embryology	Clinical Surgery, Diseases of Children.
<b>Tuesday</b>	<b>16</b> Clinical Medicine. Topographical Anatomy	Pathology and Bacteriology.
<b>Wednesday</b>	<b>17</b> Gross Anatomy (parts)	Histology
<b>Thursday</b>	<b>18</b> Organology	Physiology.
<b>Friday</b>	<b>19</b> Chemistry	Minor Surgery.
<b>Saturday</b>	<b>20</b> Physical Diagnosis.	Mat. Medica and Pharmacology.
<b>Monday</b>	<b>22</b> Diseases of the Eye. Neurology	Gross Anatomy (entire body).

**NOTICE**—For condition examinations on any subject at any other time than as above scheduled, a charge of \$10 will be made for each examination. This charge must be paid by each student in advance of each examination.

### SUMMER SCHOOL OF MEDICINE

For several years the Tulane School of Medicine has provided instruction for students of this department, for intending students from other colleges and for graduates in medicine.

While a considerable part of the work of this school relates to the subjects and courses covered in the regular curriculum, and is intended for purposes of review, the Summer School has always offered advanced work, including research, for students and physicians desiring such.

All students in the Summer School are required to register at the office of the School of Medicine at the Hutchinson Memorial, No. 1551 Canal Street.

The registration fee for each student is \$5, and the fees for individual courses vary. The registration fee will entitle each matriculant to visit the Charity Hospital and the Touro Infirmary, and will also register

the student, if otherwise qualified, for the next regular college term. Due notice is required, stating the intention of the student to take advantage of this double registration for one fee. No student will be so registered for the regular term without such notice, and such registration will become effective only upon the personal presentation of the registration card of the Summer School within the first week of the opening of the regular session.

The fees and detailed information for individual courses of the summer school are printed in the regular **Announcement of the Summer School of Medicine** (sent on request).

While the summer courses offered in this school are intended for review and advanced work, credit will be given wherever the work in any one department may justify it, and upon the recommendation of the head of the department in which the instruction is given.

Students from other schools with entrance conditions and conditioned students in the School of Medicine of Tulane may satisfy their conditions by courses in the Summer School covering deficiencies, and may be examined for such conditions by the heads of departments, who may pass upon the same at the conclusion of the summer courses. Grades obtained in such examinations will be duly credited.

The Summer School begins annually the first Monday after Commencement.

---

### REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, which includes good conduct while a student of the School of Medicine, must have attained the age of twenty-one years, and must have complied with all the educational requirements.

He must have attended, in a regular and reputable medical college at least 80 per cent. of each of four full year courses, of not less than thirty-two weeks each in four separate years; and the last of these courses must have been in this institution.

Candidates for graduation must have taken (1) the required courses in all subjects; (2) the required courses of practical anatomy, including the various laboratories; (3) the required course in physiological chemistry; (4) prescribed laboratory courses of histology, organology, physiology and of pathology, bacteriology, and clinical medicine and of hygiene and tropical medicine; (5) one course in the laboratory of pharmacology; and (6) one course in a laboratory of operative sur-

gery. They must submit evidence of satisfactory attendance and knowledge of all these laboratory courses.

Each student is required to witness at least ten cases of labor before graduation.

Every candidate for graduation must have paid all college dues, including the graduation fee, and must pass satisfactory examinations before the members of the faculty on all branches scheduled in the years of his attendance.

A candidate for graduation, who fails to pass satisfactory final examinations after two annual trials, will not be examined again. Rejected candidates are required to repeat the entire fourth year.

#### ATTENDANCE ON MORE THAN FOUR ANNUAL COURSES

Students who have attended and paid for all of the four required courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics upon payment of matriculation and laboratory fees.

**TABLE OF FEES—SESSION 1919-1920**

	Matriculation	Infirmary Fee	Gymnasium-Athletic Fee	Breakage Fee	Tuition	Graduation Fee	Totals
Pre-medical Years—each . . .	\$5	\$5	\$10	\$10	\$150		\$180
<b>Regular Course:</b>							
First Year.....	\$5	\$5	\$10	\$10	\$170		\$200
Second Year .....	5	5	10	15	165		200
Third Year .....	5	5	5	10	180		205
Fourth Year .....	5	5	5	10	180	\$30	235
	\$20	\$20	\$30	\$45	\$695	\$30	\$840

Considering the exceptional advantages for practical instruction in hospital and laboratories and the constant care and labor bestowed, the charges are as low as are compatible with the superior advantages given.

The Faculty reserves the right to increase the above fees for any year of the four-year course after the session of 1919-20.

**All fees are payable on admission except the graduation fee of \$30, which is not accepted earlier than January 1, nor later than March 31. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw their applications after the final examinations.**

**For the accommodation of students, the payment of the tuition fee may be made in two instalments, one-half at entrance and one-half February 1. *For such accommodation a delinquent fee of two dollars will be added to the second payment.* Other fees, as stated above, are payable on admission.**

#### **MATRICULATION FEE**

Every person, whether student or graduate, admitted to the privileges of this institution, must pay a matriculation or registration fee of \$5 for every session or part of session he may attend; and he will not be entitled to admission to any classes or clinics until registered.

#### **GYMNASIUM-ATHLETIC FEE**

A gymnasium-athletic fee of \$10 in the Pre-medical, Freshman and Sophomore years, and \$5 in the junior and senior years, will be charged all male students for the services of physical director, use of athletic facilities and privileges, for required gymnasium courses, etc. Students excused from Physical Training, through prior credit or for other reasons, shall not be exempt from the payment of the gymnasium-athletic fee.

#### **INFIRMARY FEE**

An infirmary fee of \$5 will be charged each session, which will cover all hospital care in the College Infirmary and will provide for *reasonable hospital expenses in cases of ordinary illness, under the rules of the infirmary committee.* This fee applies to all non-resident students and to such resident students as may avail themselves of the privilege by payment of the fee at time of registration.

#### **MICROSCOPE**

**Each student entering the Medical School shall be required to have his own microscope.**

#### **BREAKAGE FEES**

A breakage fee must be deposited for each course in the laboratories of anatomy, chemistry, physiology, pharmacology, pathology and bacteriology, hygiene and clinical medicine, to reimburse for breakage and needless injuries to college property. Any unused part of such fee will be refunded if proper demand is made at the end of each session, and before the beginning of the next session.

### FEEES FOR GRADUATES

Graduates of this College who have paid for all of the required four courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics without charge for the professors' fees, but they will be charged the matriculation fee and the fees for all laboratory courses they may attend.

The fees for *regular laboratory courses* taken apart from regular courses are uniformly fixed at \$25. *Special laboratory courses*, experimental or research, may be arranged, for which special rates will be charged.

Students who do not attend full courses, but only partial or special courses, must pay for the tickets of the professors whom they may attend, \$25 each.

Graduates of other recognized medical colleges, who are not candidates for the M. D. degree of this college, must pay, in order to attend all lectures and the hospital during a first session, the annual matriculation fee, \$5, and an additional tuition fee of \$100. For each regular laboratory course taken the additional fee of \$25 will be charged. For any subsequent session the \$100 fee is not charged. If candidates for the M. D. degree, such student physicians must pay the regular fees.

### REFUND OF FEES

Students who may withdraw for satisfactory reasons during the session and before March 15, will be refunded the unused balance of the fees for the session. *Prompt written notice at time of withdrawal is required to make this effective.* No refund will be made after March 15.

### OTHER ANNOUNCEMENTS

**State Board Examinations.** The Louisiana State Board has announced that all students of **Class A** colleges, completing the second, or third year, and being certified by the proper authorities as having finished the required courses in the primary branches of Anatomy, Chemistry and Physiology, will be permitted to take the Board examinations on these subjects, and, if successful, these examinations will be credited towards final licensure.

**Tulane Graduates are Eligible to Fellowships** in the Royal College of Surgeons of England, and the Royal College of Physicians of London. Official notice has been given the Tulane College of Medicine that its medical graduates will be received for fellowship examinations.

**GENERAL INFORMATION**

Information about houses for boarding and lodging may be obtained from the Registrar or Clerk. The price usually paid by students is approximately \$30 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at the college.

Students in the first two years who are non-residents may reside in the dormitories on the Campus.

Applications for dormitory rooms should be made as early as possible, before the term opens, to the Registrar, Gibson Hall, Tulane University. Application must be accompanied by a deposit of five dollars to secure accommodation.

On request to the Dean's office parents or guardians will be furnished with students' records, *at the end of each session*.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department in the first and second years should be addressed "Richardson Memorial, Tulane Campus," Station 20, New Orleans, La.; for students of third and fourth years, "Hutchinson Memorial", 1551 Canal Street, or P. O. Box 770, New Orleans, La.

For Bulletin of the School of Medicine containing detail information as to courses of study, etc., address:

**Dr. Isadore Dyer, Dean, School of Medicine,  
The Tulane University of Louisiana,  
P. O. Box 770, New Orleans, La.**



## COLLEGE OF MEDICINE

### GRADUATE SCHOOL OF MEDICINE

(NEW ORLEANS POLYCLINIC)

### FACULTY—1919-1920

ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., President of the University.

ROBERT SHARP, A. M., Ph. D., *Emeritus* President.

CHARLES LOUIS CHASSAIGNAC, M. D., DEAN and Professor of Genito-Urinary and Rectal Diseases.

HENRY DICKSON BRUNS, M. D., *Emeritus* Professor of Diseases of the Eye.

PAUL MICHINARD, M. D., Professor of Obstetrics and Gynecology.

GEORGE FARRAR PATTON, M. D., Professor of the Practice of Medicine.

EDMUND DENEGRE MARTIN, M. D., Professor of General and Abdominal Surgery.

JACOB AMBROSE STORCK, M. Ph., M. D., Professor of Diseases of the Digestive System.

FELIX ALPHONSE LARUE, A. M., M. D., Professor of Operative and Clinical Surgery.

HENRY SULA COCRAM, B. Sc., M. D., Professor of Gynecology and Obstetrics.

ERNEST ALEXIS ROBIN, B. Sc., M. D., Professor of Diseases of the Eye.

JOHN FREDERICK OECHSNER, M. D., Professor of Orthopedics and Surgical Diseases of Children.

SIDNEY PHILIP DELAUP, B. Sc., M. D., Professor of Surgery of the Genito-Urinary Organs and Rectum.

HENRY EDWARD MÉNAGE, M. D., M. Ph., Professor of Diseases of the Skin.

WILLIAM MARTIN PERKINS, B. S., M. D., Professor of Clinical Surgery.

ROBERT CLYDE LYNCH, M. D., Professor of Diseases of the Ear, Nose, and Throat.

JOHN TAYLOR HALSEY, M. D., Professor of Clinical Therapeutics.

GEORGE SAM BEL, M. D., Professor of Internal Medicine.

**CHARLES CASSEDY BASS, M. D.**, Professor of Experimental Medicine and Director of the Laboratory of Clinical Medicine.

**FREDERICK WILLIAM PARHAM, M. D.**, Professor of General and Abdominal Surgery.

**ALLAN CHOTARD EUSTIS, M. D.**, Professor of Dietetics and Nutrition.

**WILLIAM DAVID PHILLIPS, M. D.**, Professor of Operative Gynecology on the Cadaver.

**LIONEL LOUIS CAZENAVETTE, M. D.**, Professor of Diseases of the Nervous System.

**AMÉDÉE GRANGER, M. D.**, Professor of Radiology.

**WALLACE JOSEPH DUREL, M. D.**, Professor of Phthiology.

**PAUL JOSEPH GELPI, A. M., M. D.**, Professor of Genito-Urinary Diseases and Cystoscopy.

**WILLIAM HERBERT HARRIS, M. D.**, Professor of Pathology.

**C. JEFFERSON MILLER, M. D.**, Professor of Abdominal Surgery.

**ALBERT ÉMILE FOSSIER, A. M., M. D.**, Professor of Medical Diagnosis.

**JAMES LEON LEWIS, M. D.**, Professor of Physical Diagnosis.

**CHARLES J. BLOOM, M. D.**, Professor of Diseases of Children.

**JOHN THOMSON CREBBIN, M. D.**, Assistant Professor of Diseases of the Ear, Nose and Throat.

**RANDOLPH LYONS, M. D.**, Assistant Professor of Practice of Medicine.

**FRANK RAYMOND GOMILA, M. D.**, Assistant Professor of Obstetrics and Gynecology.

**HENRY DASPIT, M. D.**, Assistant Professor of Diseases of the Nervous System.

**JAMES CLIFTON COLE, M. D.**, Assistant Professor in Clinical Laboratory Diagnosis.

**ELIZABETH BASS, M. D.**, Assistant Professor in Clinical Laboratory Diagnosis.

**CARROLL WOOLSEY ALLEN, M. D.**, Assistant Professor of Clinical Anesthesia.

**C. A. WALLBILICH, M. D.**, Assistant Professor in Gynecology and Obstetrics.

**A. C. KING, M. D.**, Assistant Professor in General and Abdominal Surgery.

**JEROME LANDRY, M. D.**, Assistant Professor in Operative Surgery.

**CHARLES A. BAHN, M. D.**, Assistant Professor of Diseases of the Eye.

- E. D. FRIEDRICHS, M. D., Lecturer and Assistant in Clinical Surgery.
- F. T. BROWN, M. D., Clinical Assistant in Obstetrics and Gynecology.
- JOS. LEVY, M. D., Clinical Assistant in Orthopedics and Surgical Diseases of Children.
- E. L. LECKERT, M. D., Lecturer and Assistant in Clinical Surgery.
- P. J. KAHLE, M. D., Lecturer in Surgery of the Genito-Urinary Organs and Rectum.
- W. P. BRADBURN, M. D., Clinical Assistant in General and Abdominal Surgery.
- GEORGE H. UPTON, M. D., Assistant in Operative Surgery.
- H. J. OTTO, M. D., Clinical Assistant in Genito-Urinary and Rectal Diseases.
- G. J. TAQUINO, M. D., Clinical Assistant in Diseases of the Ear, Nose and Throat.
- CAROLINE MIMS, M. D., Clinical Assistant in Surgery of the Genito-Urinary Organs and Rectum.
- MUIR BRADBURN, M. D., Clinical Assistant in General and Abdominal Surgery.
- P. F. MURPHY, M. D., Clinical Assistant in Internal Medicine.
- ROBT. BERNHARD, M. D., Clinical Assistant in Internal Medicine.
- E. L. KING, M. D., Assistant in Operative Gynecology on the Cadaver.
- THOS. B. SELLERS, M. D., Clinical Assistant in Gynecology and Obstetrics.
- C. H. SHARP, M. D., Clinical Assistant in Diseases of the Eye.
- A. DUNCAN, M. D., Clinical Assistant in General and Abdominal Surgery.
- J. A. LEWIS, M. D., Clinical Assistant in Dietetics and Nutrition.
- UPTON GILES, M. D., Clinical Assistant in Dietetics and Nutrition.
- G. B. ADAMS, M. D., Lecturer in Pathology.
- A. V. FRIEDRICHS, M. D., Assistant in Pathology.
- A. A. MATTES, M. D., Clinical Assistant in Surgery of the Genito-Urinary Organs and Rectum.
- J. D. MARTIN, M. D., Clinical Assistant in Diseases of the Ear, Nose and Throat.
- P. L. QUERENS, M. D., Clinical Assistant in Dietetics and Nutrition.
- P. GRAFFAGNINO, M. D., Clinical Assistant in Obstetrics and Gynecology.
- O. W. BETHEA, M. D., Assistant in Clinical Therapeutics.
- G. J. DREYNA, M. D., Clinical Assistant in Diseases of Children.

**ANNOUNCEMENT**

**The Thirty-third Annual Session will begin Monday, September 22, 1919, to continue uninterruptedly until Saturday, June 5, 1920.**

The advance in both the science and the art of medicine and surgery are so rapid that graduates of even a few years ago, no matter how well-educated, who are more or less remote from hospital and laboratory influences, need to visit a medical center in order to keep pace with contemporaneous progress.

New Orleans for many years has been such a center of medical education. A seaport, in communication with most parts of the world, material both varied and abundant is on hand in both medical and surgical lines. Its sub-tropical location and its communication with the tropics ensure an opportunity of observing the diseases peculiar to warm climates.

This city has more clinical and pathological material available for teaching than any other city in proportion and it is open to the College of Medicine of this University.

The School was organized in 1888 and chartered as the New Orleans Polyclinic. In 1892, by special act of the legislature, the State granted the Polyclinic "free access at all times to the wards of the Charity Hospital" for teaching purposes.

After nearly twenty years of independent existence and progress, the Polyclinic was amalgamated in 1906 with the Tulane University of Louisiana and became its Graduate School of Medicine.

The Polyclinic has enrolled matriculates from all over the United States and from Alaska, Canada, Mexico, Cuba, Central America, China, and South Africa.

The school has always commended itself for the fraternal spirit which governs the intercourse between the faculty and the physicians in attendance.

Clinical methods and opportunities have gradually improved, and laboratory methods and facilities are advanced to keep in touch with current progress.

The medical and the surgical course are very comprehensive, while those interested only in special branches have courses mapped out for the profitable employment of their time.

Instruction is carried on at the Hutchinson Memorial, Charity Hospital, Eye, Ear, Nose and Throat Hospital, and at the City Hospital for Mental Diseases. A full description of the Charity Hospital and of the Hutchinson Memorial will be found in another section of this Register.

### **EYE, EAR, NOSE, AND THROAT HOSPITAL**

The courses in diseases of the eye and of the ear, nose, and throat are given in this hospital. The vast facilities offered in this institution add greatly to the clinical advantages of the Polyclinic. Every opportunity is given the matriculates of this school to utilize the material available. The institution was established not alone for the treatment of indigent patients, but also for the education of practitioners of medicine. The Professors of Diseases of the Eye, and of Diseases of the Ear, Nose, and Throat, are the surgeons in charge of these respective departments. The hospital's clinic, lately erected and embodying the latest improvements, is only two squares from the Charity Hospital and five from the Hutchinson Memorial.

According to the official report of the trustees for 1918, 7,908 individual patients were registered, 39,960 consultations given, and 1,776 operations were performed during the year.

This abundant clinical material is utilized and the matriculates can familiarize themselves with the most modern and practical methods for the diagnosis and management of this class of cases. According to their proficiency, matriculates have cases assigned to them.

The hospital is completely equipped with special apparatus, and possesses one of the most powerful magnets in existence for the removal of foreign bodies from the eye. The finest X-ray apparatus has been added to the facilities of the hospital and the pathological department has been amplified.

By a convenient arrangement of the clinic hours, all work in the ear, nose, and throat is done in the forenoon, and that in the eye in the afternoon. Matriculates, therefore, may be occupied all day in these two branches alone.

There are four house surgeons elected annually. Besides enjoying exceptional opportunity for study, they act as clinical assistants to the professors. Students who have pursued an adequate course in the Polyclinic on these branches have an admirable opportunity to complete their special education by securing one of these positions.

The house surgeons are given their board and lodging.

### **CITY HOSPITAL FOR MENTAL DISEASES**

This hospital is not far from the Charity Hospital, and furnishes an abundance of cases for study. All persons whose mentality is under investigation by the authorities are sent there as well as those awaiting transfer to the state hospitals.

## **GENERAL INFORMATION**

### **BOARD AND LODGING**

Board and Lodging can be had at reasonable rates, from about \$6 a week up, both in the vicinity of the school and in other parts of the city. A list of desirable boarding houses is kept on file by the Polyclinic, also of apartments for light housekeeping. Inquiry should be made of the registrar.

### **REQUIREMENTS FOR ADMISSION**

The school is open to white graduates of medicine and licensed practitioners of both sexes. They may enter at any time during the session, as it is a continuous one, and with equal advantage.

### **CERTIFICATES**

Certificates of Attendance for not less than four weeks will be issued following satisfactory work upon the part of the matriculate, for which no examination is required and no extra charge is made.

### **THE ORLEANS PARISH MEDICAL SOCIETY**

The members of Polyclinic classes are privileged guests at the rooms of the Orleans Parish Medical Society. Meetings of the Society are held on the second and fourth Mondays of each month, to which the Polyclinic class is likewise invited. The Society is located only four squares from the Hutchinson Memorial.

### **MEDICAL LIBRARIES**

Matriculates are admitted to the library of the Orleans Parish Medical Society, which possesses over 8,000 volumes, upon showing their Polyclinic ticket.

The library of the College of Medicine, situated in the Hutchinson Memorial, and containing about 9,000 volumes, is also open to the members of the Polyclinic classes.

---

### **ARRANGEMENT OF BRANCHES**

The Polyclinic has tried to make the arrangement of its work satisfactory to those interested in all branches, as well as to those wishing to specialize in particular branches. The following has been gradually evolved after experience and observation of the wants of matriculates:

1. Diseases of the Eye.
2. Genito-Urinary and Rectal Diseases.
3. Obstetrics and Gynecology.
4. Practice of Medicine.
5. General and Abdominal Surgery.

6. Diseases of the Digestive System.
7. Operative and Clinical Surgery.
8. Gynecology and Obstetrics.
9. Orthopedics and Surgical Diseases of Children.
10. Surgery of the Genito-Urinary Organs and Rectum.
11. Diseases of the Skin.
12. Clinical Surgery.
13. Diseases of the Ear, Nose, and Throat.
14. Clinical Therapeutics.
15. Internal Medicine.
16. Clinical Laboratory Diagnosis.
17. Dietetics and Nutrition.
18. Operative Gynecology on the Cadaver.
19. Diseases of the Nervous System.
20. Radiology.
21. Phthisiology.
22. Genito-Urinary Diseases and Cystoscopy.
23. Pathology.
24. Abdominal Surgery.
25. Medical Diagnosis.
26. Physical Diagnosis.
27. Diseases of Children.
28. Clinical Anesthesia.

In the branches outlined there are included special lines of laboratory and other work usually made extra at post-graduate schools elsewhere, so as to make the session as profitable as possible to the physicians for a reasonable outlay in fees. No hospital fees are charged.

The courses are planned for cycles of six weeks, yet, to facilitate those who have very limited time, tickets will be issued for four weeks' instruction; also for as much longer as may be desired.

#### RATES

Four weeks.....	\$65.00
Six weeks.....	75.00
Three months.....	100.00
Six months.....	125.00

The fees are the same for any course offered or any combination of the branches taught, but are fixed for a continuous period only.

**The Medical Schedule** is arranged for the physicians who are interested in only the medical side and includes branches numbered 4, 6, 1, 14, 15, 17, 19, 20, 21, 23, 25, 26 and 27.

**The Surgical Schedule** combines the general and special surgical branches, including those numbered 2, 3, 5, 7, 8, 9, 10, 12, 18, 22, 24, and 28.

**The Special Senses Schedule** is arranged for those desiring special courses in diseases of the eye and of the ear, nose and throat, branches 1 and 13, with daily opportunity for individual work.

**The Laboratory Schedule** covers branch 16, together with any clinical work the matriculate may desire to do, when not occupied in the clinical and microscopical laboratory.

**Matriculates** can occupy every moment of their stay and may be at work all day, no matter which course they take. They will be permitted to do additional work to that scheduled, when sufficiently interested. Through the dean, combination or more concentrated courses may be outlined and arrangements made for dissection or other courses in the School of Medicine.

For Bulletin containing more detailed information, and for all other information, address,

CHARLES CHASSAIGNAC, M. D.,

Dean New Orleans Polyclinic,

Graduate School of Medicine, Tulane University of Louisiana,

P. O. Box 770, or 1551 Canal Street, New Orleans, La.



## COLLEGE OF MEDICINE

### SCHOOL OF DENTISTRY

#### FACULTY—1919-1920

- ALBERT BLEDSOE DINWIDDIE, A. M., Ph. D., LL. D., President of the University. *1467 Arabelle Street*
- ROBERT SHARP, A. M., Ph. D., President, *Emeritus*. *7325 St. Charles Avenue*
- 
- WALLACE WOOD, JR., D. D. S., Dean, and Professor of Operative Dentistry. *1817 Carrollton Avenue*
- RUDOLPH MATAS, M. D., LL. D., Professor of General and Clinical Surgery. *2255 St. Charles Avenue*
- JOHN TAYLOR HALSEY, M. D., Professor of Materia Medica and Pharmacology.
- CHARLES WARREN DUVAL, M. D., Professor of Pathology and Bacteriology. *8 Richmond Place*
- IRVING HARDESTY, Ph. D., Professor of Anatomy and Histology, *1101 Broadway*
- JOHN SMYTH, M. D., Professor of Oral Surgery.
- HERMANN BERTRAM GESSNER, A. B., M. D., Professor of Clinical Oral Surgery, *119 Audubon Boulevard*
- EDWARD BERNARD DUCASSE, D. D. S., Professor of Crown and Bridge Work and Ceramics. *2711 Ursuline Avenue*
- EUGENE LOUIS FORTIER, D. D. S., Professor of Prosthetic Dentistry. *4901 Camp Street*
- AMÉDÉE GRANGER, M. D., Professor of Radiology. *833 St. Claude Street*
- WILLIAM WOODWARD, Professor of Drawing. *7601 Elm Street*
- ALFRED ARCHINARD LEEFE, D. D. S., Professor of Dental Pathology and Therapeutics, Secretary of the Faculty, and Chief of Clinic. *2131 Baronne Street*
- BENJAMIN LEVI GORE, D. D. S., Professor of Dental Surgery. *46 Neron Place*
- GEORGE BERNARD CROZAT, D. D. S., Professor of Dental Anatomy, Lecturer and Instructor of Orthodontia. *1223 Barracks Street*

- WILLIAM LEE HUGHES, LL.B.**, Professor of Dental Jurisprudence.  
2445 *Esplanade Avenue*
- OSCAR WALTER BETHEA, M. D., Ph. G., F. C. S.**, Professor  
of *Materia Medica.* 1735 *Carrollton Avenue*

#### ASSOCIATE AND ASSISTANT PROFESSORS

- WILLIAM PRENTISS BROWN, M. A.**, Associate Professor of  
*English.* 7928 *Oak Street*
- FELIX PERCY CHILLINGWORTH, M. D.**, Assistant Professor of  
*Physiology and Pharmacology.* 1310 *St. Andrew Street*
- RALPH HOPKINS, A. B., M. D.**, Assistant Professor of *Physiology.*  
1524 *Harmony Street*
- RALPH EUGENE SHERWOOD, D. D. S.**, Assistant Professor of  
*Prosthetic Dentistry, Crown and Bridge Work and Ceramics.*  
7400 *Pearl Street*
- JOSEPH MARIA THURINGER, M. D.**, Assistant Professor of His-  
*tology.* Station 20

#### DEMONSTRATORS, LECTURERS AND INSTRUCTORS

- RAOUL STANISLAUS HYMEL, D. D. S.**, Demonstrator of Pros-  
*thetic Dentistry.* 911 *Elysian Fields Avenue*
- JOSEPH MARY GARCIA, D. D. S.**, Demonstrator of Operative  
*Technics.* 2005 *Elysian Fields Avenue*
- LOUIS COGNEVICH, D. D. S.**, Demonstrator of Clinical Dentistry.  
614 *Poland Avenue*
- JOHN JOSEPH COLOMB, D. D. S.**, Demonstrator of Clinical  
*Dentistry.* 1713 *Bayou Road*
- FREDERICK JACOB WOLFE, D. D. S.**, Demonstrator of Clinical  
*Dentistry.* 2350 *Magazine Street*
- \***JAMES HENRY O'REILLY, D. D. S.**, Demonstrator of Clinical  
*Dentistry.*
- STEWART POMEROY DEAN, D. D. S.**, Demonstrator of Clinical  
*Dentistry.* 921 *Canal Street*
- MILDRED GAUCHE, M. Sc.**, Instructor and Laboratory Assistant  
in *Biology and Bacteriology.* Station 20
- FELIX MORRIS ISAACSON, D. D. S.**, Demonstrator, Lecturer and  
Instructor of *Oral Hygiene and Prophylaxis.*  
3512 *Magazine Street*
- JOSEPH E. PSAYLA, D. D. S.**, Demonstrator of Clinical Dentistry.  
930 *Canal Street*

---

\*Absent on leave.

- CHARLES N. GIBBONS, D. D. S., Demonstrator of Clinical Dentistry. *92 Canal Street*
- R. S. CRICHLLOW, M. D., Instructor in Anatomy. *Station 20*
- A. C. B. MEYNIER, D. D. S., Assistant Demonstrator Clinical Dentistry.
- A. LOGAN MAGRUDER, D. D. S., Assistant Demonstrator Clinical Dentistry.
- HARRY M. NOLAN, D. D. S., Assistant Demonstrator of Clinical Dentistry. *219 Olivia Street*
- \*ROY WHITE, D. D. S., Assistant Demonstrator of Clinical Dentistry.
- THEODORE WILSON, D. D. S., Assistant Demonstrator of Clinical Dentistry and Operative Technics.
- J. CRIMEN ZEIDLER, D. D. S., Demonstrator of Local Anesthesia and Nerve Blocking Technique.
- WALTER J. OSER, D. D. S., Demonstrator of Operative Dentistry.
- JOSEPH SICOMO, Student Assistant in Anatomy.
- SAMUEL F. ELDER, Student Assistant in Anatomy.

---

### GENERAL ANNOUNCEMENT

---

The School of Dentistry was organized twenty-one years ago as The New Orleans College of Dentistry, and is now the School of Dentistry of the College of Medicine of Tulane University of Louisiana. With the consolidation of the New Orleans College of Dentistry and Tulane University in 1908, the equipment was largely added to, increasing materially the facilities for instruction. Important additions to the equipment of the School will be made for the session of 1919-1920.

The School is a member of the National Association of Dental Faculties, the American Institute of Dental Teachers and is recognized by the National Association of Dental Examiners.

Commencing with the session of 1917-18, the School of Dentistry offered a four year course in Dentistry. The curriculum adopted complies strictly with the requirements prescribed by the Dental Educational Council of America, at its meeting held in Louisville, Ky., July 24, 1916. It is the purpose of the School to instruct its students in all the branches so as to prepare them thoroughly for the practice of the profession.

The success of the graduates of the School attests the thoroughness of the course of instruction. The constantly increasing attendance

---

\*Absent on leave on Government duty.

and the proficiency of its alumni place it in the front rank of the dental schools.

The instruction in the first two years will be given at the Richardson Memorial and the Richardson Chemistry Building, on the Tulane Campus; in the last two years instruction will be given entirely at the Josephine Hutchinson Memorial in Canal street.

The four years' work is progressive and has been arranged so as to grade the work as far as practical and deemed wise. In each year some subjects are finished and passed finally. This affords more time to the subjects, avoids repetition, and enables the student to digest the course as he progresses. The practical results obtained this way have been satisfactory and facilitates advancement with thoroughness and efficiency.

---

### THE DENTAL CLINIC

IS OPEN DAILY DURING THE ENTIRE YEAR FROM 9 A. M. TO 5 P. M.

Students may matriculate and enter this course at any time.

The Clinic is in charge of the Professors and Demonstrators of the School, and is daily crowded with patients who are operated on by the students of the School, thus giving extraordinary clinical advantages.

All ANESTHETICS in use are administered in the extraction of teeth and in surgical operations of the head and face. Special demonstrations on conductive anaesthesia will be given throughout the session.

Radiographs are made daily in the Clinic, by expert Radiologists who are in constant attendance and full instruction is given each student in X Ray technic.

All the different materials in use are employed in the construction of ARTIFICIAL DENTURES.

The Clinic in the Hutchinson Memorial is centrally located and easily accessible by all the car lines in the city.

---

### CLINICAL ADVANTAGES

*The clinical material which is at the disposal of the School is practically unlimited.* No free clinic was formerly offered to the public of the city and surrounding country, and the patronage already obtained demonstrates that the supply will be kept in excess of the demand by a population of nearly one-half of a million inhabitants. In addition, the clinic takes care of the children of the public schools and over 5000 operations have been performed for them

alone during the past year. The eleemosynary institution of the city, the great Charity Hospital, is also open to our students. The electric car lines are numerous and rapid, and run through the city in such a way as to make travel to and from the School most convenient.

### REQUIREMENTS FOR ADMISSION

Applicants for admission should be not less than sixteen years of age.

The completion of a four years high school course or its equivalent is required for entrance. In order that the University may ascertain whether an applicant possesses this required preparation, the following plan has been adopted:

- 1) A "unit" of high school work is a subject pursued through one school year, with not fewer than five recitation periods a week.
- 2) Fifteen units are required for full entrance.
- 3) Applicants presenting less than 15 units will not be received.
- 4) These 15 units must include three units in English, two and one-half units in Mathematics. (See special bulletin "Requirements for Admission" for detail information).

Entrance conditions can be made up by attending Summer School, prior to the opening.

The student must submit a certificate of good moral character and of fitness to enter upon the study of Dentistry, such certificate to be signed by a reputable Dentist.

This College will not give credit for a full course to students admitted later than ten days after the opening day of the regular session. (See Calendar.)

In case a student be prevented by sickness (properly certified to by a reputable practicing physician) from complying with the foregoing rule, the time of admission shall not be later than twenty days after the opening day.

Credit for time and study obtained from dental colleges in the United States that are members of the National Association of Dental Faculties will be recognized by this College.

Students in all dental colleges are required to obey the State Dental laws in all States of the Union, and, failing to do this, shall not be received by this college.

### ADVANCED STANDING

Students will be admitted to the Sophomore, Junior or Senior Classes who present certificates from any recognized dental college of attend-

once upon one or more full courses of lectures, and of having passed satisfactory examinations.

Students mentioned above, whose certificates of examination are not satisfactory, or who have no such certificates, will be examined in those branches in which they are deficient upon presentation of certificates of eligibility from the Dean of the school previously attended.

### PROMOTION OF STUDENTS

(a) A student who has incomplete course conditions, or failures, in 60 per cent of his course for any semester shall be dropped.

(b) A student may not be promoted if he has incomplete conditions or failures in more than 20 per cent of the course of any year.

(c) A student who fails to remove a condition or failure within twelve months from the time it was incurred, shall automatically be dropped from the school.

(d) An incomplete course is one that has not been completed because of illness or other personal emergency.

### PASSING MARK, CONDITIONS, FAILURES

(a) The passing mark shall be 75 per cent.

(b) A grade between 60 and 74 per cent is defined as a condition.

(c) A grade below 60 per cent is defined as a failure.

(d) A condition may be removed by examination.

(e) A failure may not be removed except by repetition of the course in part or entirely, i, e, by additional work under instruction approved by the Dean or the professor in charge of the subject.

(f) A condition which is not removed within 30 days of the opening of the next year, automatically becomes a failure and can then only be removed by a repetition of the course.

### SCHEDULE OF CONDITION EXAMINATIONS

#### FALL OF 1919

	9-11 A. M.	1-3 P. M.
Tuesday, Sept. 16		Pathology and Bacteriology
Wednesday, Sept. 17	Anatomy	Histology
Thursday, Sept. 18		Physiology
Friday, Sept. 19	Chemistry	
Saturday, Sept. 20		Materia Medica

All Dental branches within one week of the opening of the session.

### **REQUIREMENTS FOR GRADUATION**

The candidate must have taken four complete courses in a reputable dental college, in four separate years, the last of which must have been in this School. He must have complied with the requirements of the School in performing the necessary amount of work in the Infirmary and Laboratories; and must have attended 85% of all lectures, classes, clinics, etc.; must deposit with the School approved specimens of his work; and must also pass four annual examinations in due course, including the final examination for graduation. Students of legal age and good moral character, who have paid all fees due the School, and who have complied with these requirements, will be recommended for the degree of Doctor of Dental Surgery.

---

### **INSTRUMENTS**

Each student is required to supply himself with the instruments and medicines necessary for the work of his grade in the Operative and Prosthetic Laboratories, which may be secured at the Dental Supply Houses located in New Orleans.

A printed list of same will be furnished on application to the Clerk and the instruments on the list will be required because they are essential to the student's progress, and students must provide them on or before ten days after the opening of the session.

A rigid inspection by the demonstrators will be made and no student will be allowed to enter that Department where the necessary or required instruments or medicine are lacking.

**SYNOPSIS OF STUDIES AND EXAMINATIONS**

The full course of lectures and laboratories will begin Wednesday, October 1, 1919.

**FIRST YEAR**

Biology .....	192 hours
Chemistry (organic, inorganic, physiological).....	224 hours
Anatomy.....	300 hours
English .....	96 hours
Technical Drawing .....	48 hours
Dental Anatomy.....	32 hours
Histology .....	165 hours
Physical Training .....	48 hours
Total.....	1105 hours

**SECOND YEAR**

Materia Medica.....	48 hours
Prosthetic Technic.....	384 hours
Physiology .....	128 hours
Prosthetic Dentistry Lecture.....	64 hours
Pharmacology .....	32 hours
Operative Dentistry.....	160 hours
Dental Anatomy.....	64 hours
Metallurgy .....	96 hours
Pathology and Bacteriology .....	160 hours
Total.....	1136 hours

**THIRD YEAR**

Crown and Bridge.....	320 hours
Crown and Bridge.....	32 hours
Orthodontia .....	48 hours
Dental Pathology.....	32 hours
Radiology.....	16 hours
Operative and Clinical Dentistry.....	816 hours
Operative Dentistry.....	32 hours
Dental Surgery.....	32 hours
Special Pathology .....	16 hours
Total.....	1344 hours



## FOURTH YEAR

Crown and Bridge .....	32 hours
Orthodontia .....	48 hours
Oral Surgery.....	96 hours
Dental Pathology.....	64 hours
Materia Medica.....	16 hours
Physical Diagnosis.....	32 hours
Radiology.....	16 hours
Jurisprudence, Ethics, Economics, History.....	32 hours
Clinical Dentistry .....	976 hours
Operative Dentistry Lectures.....	32 hours
Dental Surgery .....	16 hours
Special Pathology .....	16 hours
Anesthesia and Hygiene.....	32 hours
<b>Total.....</b>	<b>1440 hours</b>

First Year.....	1105 hours
Second Year.....	1136 hours
Third Year.....	1344 hours
Fourth Year.....	1440 hours

**Totals..... 5025 hours**

The above schedule is subject to change without notice.

## TABLE OF FEES—SESSION 1919-1920

	Freshmen	Soph'res	Juniors	Seniors
Matriculation.....	\$ 5 00	\$ 5 00	\$ 5 00	\$ 5 00
General Ticket .....	150 00	150 00	150 00	150 00
Graduation Fee.....				25 00
Gymnasium-Athletic Fee.....	10 00	10 00	5 00	5 00
Dissecting Fee .....	10 00			
Laboratory and Chemical Fee....	10 00	10 00	10 00	
Medical Attendance Fee.....	5 00	5 00	5 00	5 00
Breakage Fee .....	10 00	10 00	10 00	
<b>Total.....</b>	<b>\$200 00</b>	<b>\$190 00</b>	<b>\$185 00</b>	<b>\$190 00</b>

A medical attendance fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

**Students of the Freshman and Sophomore Classes are required to pay gymnasium-athletic fee of \$10.00. Students excused from physical training through prior credit, or for other reasons, shall not be exempt from the payment of this fee. Students of the Junior and Senior Classes are required to pay an athletic fee of \$5.00.**

**The gymnasium-athletic fee provides the use of the gymnasium, services of the Physical Director, and a season ticket to all major athletic events on the home grounds.**

**In addition to the fees all students will be required to deposit with the secretary \$10.00 to cover any breakage or damage to university property, returnable if no damage occurs.**

**All checks, drafts, etc., should be made payable to the order of Wallace Wood, Jr., Dean Dental Department, on New Orleans banks, otherwise exchange will be charged.**

**All fees are payable on admission except the graduation fee of \$25, which will not be accepted earlier than January 1, nor later than March 1. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw application after final examinations.**

**For the accommodation of students, payment of fees may be made in two instalments, one-half at entrance and one-half January 15. For such accommodation a delinquent fee of two dollars will be added to the second payment.**

**The Clinic in the College Building is open during the entire year for dental operations, and students can enter at any time by paying \$25, which is deducted from the fees of the succeeding regular course, and shall not be charged to a regularly-matriculated student after his regular course. The College makes these liberal terms to enable and to induce students properly to perfect themselves in actual practice before presenting themselves for graduation and for entrance into the dental profession. The faculty reserves the right to change the above fees after the session of 1919-1920.**

**No student will be admitted to classes until the fees for the current semester are paid. No exception will be made and students should come prepared to pay their fees.**

**Students having once enrolled, the fees are due and exigible for the entire session and they will not be refunded or transferred under any circumstances, whether from withdrawal, expulsion, or dismissal, nor will such a contingency relieve his indebtedness to the College. But should sickness or other good cause occasion his failure to complete the session for which he has paid, he will be credited in a succeeding session with that portion of the fee for which he has not received instruction.**

Students failing on the final examinations of the Freshman Sophomore and Junior Classes and who are required to repeat the course will be charged the usual fees.

Students failing in part of their work, who are held over for the coming year in certain subjects will be charged a fee sufficient to cover those subjects only.

Seniors failing to pass in one or more subjects will not be graduated, but will be required to make up these subjects in the ensuing year for which no fee will be charged except a matriculation fee of five dollars (\$5.00), and ten dollars (\$10.00), for each examination. In all such cases however, the student will be required to attend and work at least twomonths in the Clinic, at the discretion of the Dean.

### GENERAL INFORMATION

Information about houses for boarding and lodging may be obtained from the Clerk. The price usually paid by students varies from \$22.50 to \$30 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at the School.

Students of the first two years, who are non-residents, may reside in the dormitories on the Campus. Applications for dormitory rooms should be made as early as possible before the term opens to the Registrar, Gibson Hall, Tulane University, as the number of rooms is limited. Application for room must be accompanied by a deposit of five dollars to secure accommodation.

On request of the Dean's office parents or guardians will be furnished with the students' records, at the end of each session.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department in the first and second years should be addressed "Richardson Memorial, Tulane Campus," New Orleans, La.; for students of the third and fourth years, "Hutchinson Memorial," 1551 Canal St., New Orleans, La.

For Bulletin containing details of courses offered, and for all other information, address,

**DR. WALLACE WOOD, JR., DEAN,**  
School of Dentistry of Tulane University of Louisiana.  
Hutchinson Memorial, 1551 Canal Street,  
New Orleans, La.

# COLLEGE OF MEDICINE

## SCHOOL OF PHARMACY

### FACULTY—1919-1920

**ALBERT BLEDSOE DINWIDDIE**, A. M., Ph. D., LL. D., President  
of the University. 1468 Arabella Street

**ROBERT SHARP**, A. M., Ph. D., LL. D., *Emeritus* President of the  
University. 7325 St. Charles Avenue

**ISADORE DYER**, Ph. B., M. D., Dean of the School of Pharmacy.  
2222 Prytania Street

**ABRAHAM LOUIS METZ**, Ph. G., Ph. M., M. D., *Emeritus* Profes-  
sor of Chemistry and Toxicology. 9 Rosa Park

**GEORGE STEWART BROWN**, M. Ph., M. D., Chairman of Faculty  
and Professor of Pharmacy. 1329 Josephine Street

**JOHN TAYLOR HALSEY**, M. D., Professor of Materia Medica and  
Pharmacology. 1408 Seventh Street

**REGINALD SOMERS COCKS**, A. M., Ph. G., Richardson Professor  
of Botany and Pharmacognosy. 701 Exposition Boulevard

**CHARLES WARREN DUVAL**, M. D., Professor of Bacteriology.  
8 Richmond Place

**WALTER EUGENE GARREY**, Ph. D., M. D., Professor of Physi-  
ology. 2123 Palmer Avenue

**OSCAR WALTER BETHEA**, Ph. G., M. D., F. C. S. Professor  
of Materia Medica. 1735 S. Carrollton Avenue

**J. HARRY CLO**, B. S., M. S., Ph. D., Associate Professor of Physics.  
904 Lowerline Street

**RALPH HOPKINS**, A. B., M. D., Assistant Professor of Physiology.  
1524 Harmony Street

**FELIX PERCY CHILLINGWORTH**, Assistant Professor of Physi-  
ology and Pharmacology. Biloxi, Mississippi

**WILLIAM HERBERT HARRIS**, A. B., M. D., Assistant Professor of  
Bacteriology. 1011 Broad Place

**EDWARD HENRY WALSDORF**, Adjunct Professor of Commercial  
Pharmacy. 900 Peters Avenue

**HENRY COOK RICHARDS**, B. S., Ph. C., Instructor in Materia  
Medica. 800 Broadway

**FRANK WILLIAM MORGAN**, Phar. D., Instructor in Chemistry.  
8213 Spruce Street

**JOHN MARTIN DANNEKER**, Student Assistant in Pharmacy.  
1518 Poland Avenue

## SCHOOL OF PHARMACY

**ANNOUNCEMENT** This School was established in 1838. In 1908, the pharmaceutical school of the Medical Department became the Department of Pharmacy of the Tulane University of Louisiana, and in 1914, with the reorganization of the divisions of the University related to Medicine, the School of Pharmacy became a part of the reconstituted College of Medicine.

This School holds membership in the American Conference of Pharmaceutical Faculties, organized to promote the interests of pharmaceutical education.

**ANNOUNCEMENT OF COURSES** Two years are required for the Ph. G. (Graduate in Pharmacy) degree; three years for the Ph. C. (Pharmaceutical Chemist) degree, and additional periods of study for the degree of Doctor of Pharmacy.

The pharmaceutical laboratory, the pharmaceutical dispensing laboratory, the pure food and drug laboratory, the laboratories of general, qualitative and quantitative chemistry, and other laboratories for special work are located in the commodious Richardson Chemistry Building; physics is taught in the laboratories and lecture rooms of the Physics Building; while the laboratories of botany and pharmacognosy, physiology, pharmacology and bacteriology are in the Richardson Memorial Building; these buildings are all situated upon the University Campus. The equipments of the various laboratories are ample and up to date for all purposes of the School of Pharmacy which is organized to train high-class graduates, with ample facilities for practical work.

**DORMITORY** The Richardson Dormitory is open to students of this department. The rate in the Dormitory (including two meals a day) is \$150 per session.

Pharmacy students who wish to make application for rooms, or who desire more information regarding the dormitories should communicate with the Registrar of Tulane University, Station 20, New Orleans.

### REQUIREMENTS FOR ADMISSION

(See page 45)

Women are admitted to the full courses in pharmacy on the same terms and conditions as men.

Students over 21 years of age are admitted as partial-course students or as special students and may be credited with work accomplished, while engaged in preparation for the fulfilment of the above requirements. Such students must successfully complete *all work undertaken each term*, otherwise they shall be dropped for deficiencies and may enter again only by fulfilling the regular entrance requirements by certificate or entrance examination.

Special students, entering without examination or certificate must satisfy all entrance requirements before they may become regular.

The entrance examinations in all departments will be held during the two weeks preceding September 25. Candidates will apply to the Dean for schedule of entrance examinations.

Blank forms showing entrance requirements in detail will be furnished on request to the Dean.

**REQUIREMENTS FOR ADVANCED GRADES** An official set of tickets, showing that the holder has attended one full course of studies in any regular and recognized school of pharmacy is essential to matriculating for a second course of lectures. To be credited with a full course, at least eighty per cent of the session must have been attended.

Students from other colleges entering the second year will be required to show evidence that at the time at which they commenced the study of pharmacy their entrance credits were not less than the requirements of this department at the same time.

### SYNOPSIS

**Studies and Examinations** The full course of Lectures and all Laboratory courses will begin Wednesday, September 26, 1917.

**Degrees** Two graded courses of thirty-two weeks each will be required to complete the course of study leading to the degree of Ph. G. (Graduate in Pharmacy), and three courses will be required for the degree of Ph. C. (Pharmaceutical Chemist).

An additional year of graded work in a course of thirty-two weeks will qualify the holder of a Ph. C. degree for the degree of Doctor of Pharmacy (Pharm. D).

**First Year** *Physics, chemistry and toxicology, botany and pharmacognosy, materia medica, physiology, pharmaceutical Latin, mathematics of pharmacy, theory and practice of pharmacy,*

and laboratory work in *physics, pharmacy, general chemistry, and qualitative analysis.*

**Physical training** is required of all male students in the first year.

**Second Year** *Chemistry* (including organic, physiological, medical, pharmaceutical, manufacturing or industrial, quantitative analysis, with their laboratories), *toxicology, pharmacognosy and the microscopical identification of powdered drugs, materia medica and pharmacology, drug assay, prescription practice in the dispensing laboratory, commercial pharmacy, manufacturing pharmacy, theory and practice of pharmacy, bacteriology and pharmaceutical jurisprudence.*

**Third Year** Systematic courses in detailed work in pure food and drug analysis; assaying of drugs; physiological standardization of drugs; advanced work in materia medica and pharmacology; advanced work in manufacturing pharmacy; commercial pharmacy.

Special attention is given to the *practical laboratory training* of students. The value of practical laboratory training cannot be overestimated and students of this institution are provided with exceptionally superior advantages in this respect.

In addition to the laboratory training, throughout the second and third years, students are regularly assigned to a number of pharmacies in New Orleans, where practical experience is afforded.

**OUTLINE OF COURSE IN PHARMACY**

Leading to the degree of Graduate in Pharmacy, (Ph. G.). Showing in tabular form the weekly and total number of hours credited to each subject composing the curriculum.

<b>JUNIOR YEAR</b>	<b>HOURS PER WEEK</b>	<b>HOURS PER SESSION</b>
General Chemistry, Lecture	3	96
Qualitative Analysis, Laboratory	4	128
Physics (experimental), Lecture	3	96
Physics (experimental), Laboratory (optional)	4	128
Pharmacy, Lecture	2	64
Pharmacy, Manufacturing, Laboratory	4	128
Pharmacy, Dispensing, Laboratory	2	64
Pharmacy, Commercial, Lecture, (second term)	1	15
Pharmaceutical Arithmetic	1	30
Pharmaceutical Latin	1	30
Materia Medica and Pharmacology, Lecture	1	32
Botany, Lecture	1	32
Botany, Laboratory	2	64
<b>Total</b>	<b>29</b>	<b>907</b>
<b>SENIOR YEAR</b>		
General Chemistry, Toxicology, Lecture	4	128
Qualitative Analysis, Laboratory, (first term)	6	96
Quantitative Analysis, Laboratory, (second term)	9	144
Qualitative Analysis, Lecture, (first term)	2	32
Quantitative Analysis, Lecture, (second term)	2	32
Pharmacy, Lecture	4	128
Pharmacy, Manufacturing Laboratory	7	224
Pharmacy, Dispensing Laboratory	2	64
Pharmacy, Commercial, Lecture, (second term)	1	15
Pharmaceutical Assaying, (second term)	3	48
Materia Medica and Pharmacology, Lecture	2	64
Pharmacognosy, Lecture	1	32
Pharmacognosy, Laboratory	2	64
Physiology, Lecture	3	90
<b>Total</b>	<b>48</b>	<b>1161</b>
<b>GRAND TOTAL</b>	<b>77</b>	<b>2068</b>
Bacteriology, (optional).		
Pharmaceutical Jurisprudence.		



**EXAMINATIONS**

Examinations will be held on all branches taught in each year at regularly scheduled dates.

**REQUIREMENTS  
FOR GRADUATION**

Every candidate for graduation must be of good moral character, which includes good conduct while a student in this college, and must have attained the age of nineteen years.

The candidate must have attended courses of instruction during two or more academic years, the last to be spent at this college, and he must have satisfied all obligations of the course, including payment of all fees.

Those entitled to diplomas will receive them at the end of the course without regard to the amount of practical drug store experience required by the Boards of Pharmacy Examiners.

**TABLE OF FEES—SESSION 1919-1920**

	Matric- ulation	Gym.- Ath- letic	Infirm- ary	Break- age	Tuition	Gradua- tion	TOTAL
First Year.....	\$5 00	\$10 00	\$5 00	\$10 00	\$70 00	.....	\$100 00
Second Year....	5 00	10 00	5 00	10 00	70 00	\$20 00	120 00
Third Year.....	5 00	.....	5 00	10 00	70 00	20 00	110 00

Every student must deposit the breakage fee of \$10 to reimburse for needless injuries inflicted on the laboratories or their contents, or on any of the University buildings. Any unused part of such fee will be refunded on proper demand at the end of each session and before the beginning of the next session, after which it will be forfeited.

All fees are payable on admission, except the graduation fee of \$20, which is not accepted earlier than January 1, nor later than March 31. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw their application after the final examinations.

For the accommodation of students, payment of tuition may be made in two instalments, one-half at entrance and one-half February 1. For such accommodation a delinquent fee of \$2 will be added to the second payment. All other fees are payable on admission, as stated.

*Special.*—The fee for a special lecture course in any single department of the regular pharmacy course is \$25; if a laboratory course, a fee of \$15.00 in addition will be charged.

**INFIRMARY  
FEE**

An infirmary fee will be charged each session, which will cover all hospital care in College Infirmary, and will provide for reasonable expense in cases of ordinary illness, under the rules of the Infirmary Committee. This fee applies to non-residents, but residents may avail themselves of these privileges by payment of fee at time of registration.

**GYMNASIUM-  
ATHLETIC FEE**

A fee of \$10 will be charged all male students in the first two years for the services of physical director, use of athletic facilities, and privileges, for required gymnasium courses, etc. Students excused from physical training, through prior credit or for other reasons, shall not be exempt from the payment of the gymnasium-athletic fee.

The Faculty reserves the right to increase these fees after the session of 1919-20.

Unused proportion of fees will be refunded if written notice of withdrawal is given before March 15. *Written notice to the Dean, at time of withdrawal, is required to make this effective.* No refund will be made after March 15.

**PRIZES**

The Louisiana State Pharmaceutical Association, with a view of furthering the cause of education in pharmacy, will present annually a gold medal to the Graduate in Pharmacy making the best general average in his studies, for the two years' attendance in this institution.

**GENERAL  
INFORMATION**

The price usually paid by students for board varies from \$25.00 to \$30.00 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at college.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department should be addressed "Richardson Memorial, Tulane Campus, Station 20, New Orleans, La."

For Bulletin containing details of courses offered, and for all other information, address,

Dr. Isadore Dyer, Dean,  
School of Pharmacy,  
Tulane University of Louisiana,  
P. O. Box 770, New Orleans, La.

# COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## FACULTY—1918-1919

ALBERT BLEDSOE DINWIDDIE, Ph. D., LL. D., President of the University.

ROBERT SHARP, A. M., Ph. D., President, *Emeritus*

MORTON A. ALDRICH, A. B. Harvard, Ph. D. University of Halle, Dean and Professor of Economics.

Since 1901 Head of the Department of Economics of Tulane University. Formerly Instructor in Economics, Harvard University, Assistant Professor of Economics, Leland Stanford, Jr., University, and Professor of Economics in the Summer Session of the University of Illinois. Member of the Louisiana Tax Commission of 1912. Director of the New Orleans Association of Commerce, 1912-1917.

NICHOLAS CALLAN, A. B., LL. B. Tulane, Lecturer in charge of instruction in Public Speaking for Business.

Assistant United States Attorney. Member of the law firm of Callan, Blancand and Viosca. For four years Tulane 'Varsity debater. Formerly student of public speaking at Columbia University and instructor in debating of the New Orleans Chapter of the American Institute of Banking.

JOSEPH COLLINS, Lecturer in charge of instruction in Life Insurance Salesmanship.

Special Agent, New York Life Insurance Co. Chairman of Educational Committee of the Louisiana Life Underwriters' Association.

LIONEL C. DUREL, A. B., A. M. Tulane, Lecturer in charge of instruction in Commercial French.

Assistant Professor of French in Newcomb College, and Instructor in French in the summer school of Tulane University. Formerly Instructor in French in the Warren Easton High School, New Orleans.

JOHN S. KENDALL, A. B., A. M. Tulane, Assistant Professor of Commercial Spanish.

Head of the Department of Spanish in Tulane University. Formerly literary editor of the New Orleans Picayune, a resident or frequent traveler in Porto Rico, Cuba, and Central America, and for some years in business in Mexico.

STUART O. LANDRY, Lecturer in charge of instruction in Advertising.

President of Chambers Agency. Former President of the Advertising Club of New Orleans.

RAYMOND A. LOUGHNEY, Lecturer in charge of instruction in Business Correspondence and Office Methods.

Sales Manager, Southern Macaroni Manufacturing Co. Formerly with the Philadelphia Electric Co., Philadelphia Record, New Orleans States and Ralph Goldsmith Co.

**GUY V. W. LYMAN, C. P. A.,** Lecturer in charge of instruction in Accounting.

Certified Public Accountant. Member of Louisiana State Board of Accountants.

**FRANK L. RAMOS,** Lecturer in charge of instruction in Practical Banking.

Assistant Cashier, Canal Bank and Trust Co.

**CLAUDE G. RIVES, JR.,** Lecturer in charge of instruction in Practical Banking.

Vice-President, Interstate Trust and Banking Co. Formerly Assistant Examiner of State Banks.

**RALPH J. SCHWARZ, A. B. Tulane, A. M., LL. B. Columbia,** Professor of Commercial Law.

Member of the law firm of Merrick, Gensler & Schwarz. Since 1906 Professor of Law in the College of Law of Tulane University.

**PERCIVAL STERN, B. E. Tulane,** Lecturer in charge of instruction in Business and Office Management.

President, Interstate Electric Co.

**LORENZO N. DANTZLER, JR.,** Student Assistant in Sales and Advertising Methods.

**PERCY L. McCAY,** Student Assistant in Accounting.

**LEWIS F. WAKEMAN,** Student Assistant in Business and Office Management.

---

### PERMANENT ENDOWMENT

The first permanent endowment of the College of Commerce and Business Administration was a bequest of \$1000 from Mr. David Pokorny, in 1917. In the same year, Messrs. Robert H. Downman, W. Radcliffe Irby and Albert Mackie each contributed \$1000 to the permanent endowment fund.

---

### BOARD OF GUARANTORS

The following citizens, firms and corporations are giving substantial expression of their interest and faith in mature professional training for a business career by assuming financial responsibility for the College of Commerce and Business Administration.

In response to the request of the Board of Administrators of the Tulane Educational Fund, the members of this Board of Guarantors have elected officers and formed a permanent organization, in order that it may be possible to confer with them in regard to matters affecting the success of the College.

Ernest A. Burguières, Chairman.

Maurice B. Kreeger, Vice-Chairman.

Gayle Aiken, Jr., Secretary.

Executive Committee—Gustave B. Baldwin, Ben Beekman, John E. Bouden, William P. Burke, Frank Dameron, Lynn H. Dinkins, F. W. Evans, Abraham Goldberg, Theodore Grunewald, C. A. Hartwell, Paul F. Jahncke, Albert Mackie, Gus Mayer, Levering Moore, P. S. Morris, I. T. Rhea, Jr., Abraham Rosenberg, M. J. Sanders, Paul H. Saunders, Leon C. Simon, William E. Stauffer, Nugent B. Vairin, Sr., Eli T. Watson, Samuel W. Weis, J. Parham Werlein, and James L. Wright.

Coleman E. Adler  
Gayle Aiken, Jr.  
J. A. Airey  
Morton A. Aldrich  
Alfred S. Amer & Co.  
J. Aron & Co.  
Albert Aschaffenburg  
M. Augustin  
J. A. Badger  
Gustave B. Baldwin  
H. F. Baldwin  
E. T. Barry & Co.  
Ben Beekman  
Martin Behrman  
G. Ad Blaffer  
Sam Blum  
E. J. Bobet  
Sam Bonart  
Jos. A. Breaux  
A. Brittin  
James Buckley & Co., Ltd.  
Ernest A. Burguières  
Nicholas Burke & Co.  
James P. Butler, Jr.  
B. C. Casanas  
E. L. Chappuis  
John F. Clark  
B. Cohn Co., Ltd.  
J. P. Cordill  
H. T. Cottam & Co.  
D. D. Curran  
Dameron-Pierson Co., Ltd.  
Mrs. John Dibert  
Lynn H. Dinkins  
R. H. Downman  
Dugan Piano Co.  
Favrot & Livaudais

L. Feibelman  
Charles Payne Fenner  
C. B. Fox  
L. Frank & Co.  
Gibert & Clay  
E. J. Glenney  
George J. Glover  
Godchaux & Mayer, Ltd.  
Leon Godchaux Clothing Co., Ltd.  
Abraham Goldberg  
A. B. Griswold & Co., Ltd.  
Theodore Grunewald  
Henry E. Gumbel  
C. H. Hamilton  
Jeff D. Hardin  
Junius Hart Piano House, Ltd.  
C. A. Hartwell  
T. Hausmann & Sons, Ltd.  
J. W. Hearn  
R. S. Hecht  
Hunt Henderson  
William Henderson  
Alfred Hero  
D. H. Holmes Co., Ltd.  
Alvin P. Howard  
Harris Hyman  
Imperial Shoe Store  
Interstate Electric Co.  
W. R. Irby  
Leon Irwin  
Marks Isaacs Co.  
Mayer Israel & Co.  
Sam Israel  
Jahncke Navigation Co.  
Wm. T. Jones  
P. Jorda Kahle, M. D.  
Katz & Besthoff

Chas. A. Kaufman & Co.	J. G. Pepper
J. Watts Kearny & Sons	Wm. Pfaff
Keiffer Bros. Co.	David Pokorny
J. D. Kenney	M. Pokorny & Sons, Ltd.
Joseph Kohn	Reily-Taylor Co.
Conrad Kolb	I. T. Rhea, Jr.
Krauss Bros. Lumber Co.	A. G. Ricks
Krauss Co., Ltd.	E. G. Rogers
The Kreeger Store, Inc.	Robinson, Havener & Co.
Leonard Krower	Abraham Rosenberg
Lane Cotton Mills	M. J. Sanders
Louis Lang	Paul H. Saunders
Lazarus, Michel & Lazarus	E. G. Schliedier
N. M. Leach	Leon E. Schwartz
Hunter C. Leake	Sam Schwartz
Alfred LeBlanc	J. B. Simmons
Monte M. Lemann	Leon C. Simon
Gustave Lemle	Thomas Sloo
Letellier-Phillips Paper Co.	A. M. & J. Solari, Ltd.
M. Levy & Sons	Southern Paper Co., Ltd.
Liverpool & London & Globe	Stauffer, Eshleman & Co., Ltd.
Ins. Co.	Stern Foundry & Machinery Co.
Ernest M. Loeb	Maurice Stern
Louisiana State Rice Milling Co.	H. B. Stevens & Co., Ltd.
Albert Mackie	William H. S. Stevens
Maison Blanche Co.	John S. Talmage Co., Ltd.
Manion & Co.	C. S. Thomas
W. J. Martinez & Bros.	Wm. B. Thompson
Marwick, Mitchell, Peat & Co.	Tulane Society of Economics
Gus Mayer Co., Ltd.	Theodore N. Vail
Norman Mayer	Nugent B. Vairin, Sr.
Mente & Co.	A. Vizard
Edwin T. Merrick	Walk-Over Boot Shop
Metropolitan Bank	Watson, Williams & Co.
Milliken & Farwell	Herman Weil
Levering Moore	Charles Weinberger
Robert Moore	Samuel W. Weis
P. S. Morris	Simon Weis
W. Irving Moss	Walter G. Weiss
Silvan Newburger	Philip Werlein, Ltd.
Isidore Newman & Sons	Chas. E. Wermuth
Julian B. Newman	Westfeldt Bros.
N. O. Furniture Mfg. Co.	White Bros. & Co.
J. D. O'Keefe	Whitney-Central National Bank
J. L. Onorato	Pearl Wight
Gordon S. Orme	Williams-Richardson Co., Ltd.
Otis Manufacturing Co.	Woodward, Wight & Co., Ltd.
E. C. Palmer & Co., Ltd.	James L. Wright
C. T. Patterson Co., Ltd.	Walter Wright
Pelican Ice Co.	A. C. Wuerpel
Penick & Ford, Ltd.	Samuel Zemurray

## GENERAL STATEMENT

The College of Commerce and Business Administration of the Tulane University of Louisiana was established in September, 1914, by vote of the Board of Administrators of the Tulane Educational Fund. This action was made possible by the generous co-operation of the New Orleans Association of Commerce, the Society of Louisiana Certified Public Accountants, and of 105 citizens, firms and corporations who guaranteed the expenses of the College for its first three years.

The names of those who have endowed the College and of the citizens, firms and corporations who are members of the Board of Guarantors of the College and are contributing to its support are printed on pages 374, 375 of this Register.

Both the day and night courses of the College are open to women on the same terms as men.

The Young Men's Branch of the Association of Commerce has appointed an Advisory Committee, at the request of the Executive Committee of the Board of Guarantors of the College, to sit with this Executive Committee and to aid it in increasing the usefulness of the College.

In 1915, Mr. Theodore N. Vail of New York contributed \$500. to the library of the College.

The course in Advertising is given with the co-operation of the Advertising Club of New Orleans.

The Advertising Club of New Orleans, at the request of the College, has also appointed a Committee to assist the College in the preparation of its advertising.

The courses in Life Insurance Salesmanship are given with the co-operation of the Louisiana Life Underwriters' Association.

This College is included in the co-operative educational plan of the National City Bank of New York. The Interstate Trust and Banking Company of New Orleans is co-operating with the College in a similar plan, and close co-operative relations have been established between the College and other New Orleans banks and business houses.

---

### AIM

The purpose of this College is to offer substantial professional training preparing for a business career. The instruction offered is planned for students sufficiently able and mature to do work of university grade, and no student will be received unless prepared to do work of this character. It is essential, also, to the permanent success of the College that its students approach their work in an earnest professional spirit.

### **DAY CLASSES AT GIBSON HALL**

The day classes of the four year day course of the College meet in Gibson Hall, on St. Charles Avenue, opposite Audubon Park.

---

### **CLASSES AT NIGHT FROM 8 TO 9:45 O'CLOCK AT THE ASSOCIATION OF COMMERCE**

In order to make the courses available for business men and women, classes are held at night from 8 to 9:45 o'clock. These night classes and the public Friday Night Business Talks meet at the Association of Commerce, which has evidenced its approval of the instruction offered by providing ample accommodations.

Each course meets one night a week from 8 to 9:45 o'clock.

Any course may be taken separately. By devoting only one night a week to the work, a student may take any one of the night courses offered.

A large number of business men and women take from two to four of these night courses.

A certificate, which both the student and business men and employers will value because it represents a considerable amount of work, is awarded to students who meet the University entrance requirements and complete eight two-hour courses (or their equivalent) in business subjects.

---

### **PUBLIC FRIDAY NIGHT BUSINESS TALKS AT THE ASSOCIATION OF COMMERCE**

In addition to the regular courses, a series of informal talks on business subjects by business men are held on Friday nights, at 8 o'clock, at the Association of Commerce. Each talk is followed by general questioning and discussion. These Friday night meetings are open to students, and to the public, without charge. They are largely attended by business men.

Students should attach the same importance to these talks as to the regular courses.

---

### **REQUIREMENTS FOR ADMISSION**

(See page 45)

Women are admitted to both the day and night courses on the same terms as men.

1. Applicants twenty-one years of age or over (or 20 years or over in the case of applicants who have had two years of



business experience) are admitted on evidence of their ability to profit by the course or courses which they select.

2. Applicants under twenty-one (or under 20 in the case of applicants who have had two years of business experience) must satisfy the usual university entrance requirements as stated below; and are requested to consult the Dean at once concerning these requirements.

Applicants for admission should be not less than sixteen years of age.

---

### **NOTICE TO STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY**

Students of the College of Arts and Sciences and the College of Technology may elect courses in the College of Commerce and Business Administration.

Law students will find that a number of the courses offered in this College are of direct professional value.

---

### **FEES AND EXPENSES FOR DAY STUDENTS**

The following are the fees for men day students, and for women day students, in their junior and senior years. (For the fees for women day students, in their freshmen and sophomore years, see the statement of fees in Newcomb College).

The annual tuition fee is \$100. Each student is required to pay a registration fee of \$15, a library fee of \$5 and a gymnasium-athletic fee of \$10, which provides use of the gymnasium, services of the Director of Physical Training and a season ticket admitting to all major athletic events on the home grounds. Students excused from physical training, through prior credit or for other reasons, are not excused from the payment of the gymnasium-athletic fee. Students working in laboratories are charged an annual fee of \$15 for each laboratory used by them. Students taking chemical laboratory courses must deposit a fee of \$5 to cover the cost of breakage.

A medical fee of \$5 will be charged non-resident students each session, which will provide for all medical attendance and hospital care in the College Infirmary in cases of ordinary and non-surgical illness. Students residing in New Orleans with their parents or guardians may, at their option, receive this medical service upon payment of the fee at matriculation.

These fees are payable in advance in two equal installments, one-half at the beginning of each term, except the medical attendance fee of \$5, the library fee of \$5, the gymnasium-athletic fee of

\$10, and the chemical laboratory deposit of \$5, which are paid at the time of registering.

A fee of \$5 to cover expenses of graduation, diploma, etc., is charged to each person taking a degree. This fee must be paid to the Bursar at least ten days before Commencement. The amount is refunded should the degree not be conferred.

Students are liable for their fees up to the end of the half year in which written notice of their withdrawal is received.

The necessary expenses of a student are moderate; the attractive dormitories and the dining hall on the University grounds make possible comfortable, dignified living at a minimum cost.

	MINI- MUM	MODER- ATE
Tuition fee.....	\$100.00	\$100.00
Registration fee.....	15.00	15.00
Library fee.....	5.00	5.00
Gymnasium-Athletic fee.....	10.00	10.00
Board and lodging, including heat and lights.....	200.00	280.00
Laundry.....	15.00	15.00
Books and stationery.....	20.00	25.00
Medical Attendance fee.....	5.00	5.00
Total.....	\$370.00	\$455.00

Students holding scholarships (see below) will deduct \$100.00 from the above total. Fifteen dollars must be added for each laboratory course taken.

### SCHOLARSHIPS

The Scholarships of the College of Arts and Sciences, of Newcomb College (for women), and of the College of Technology are open to students in the first two years of the four year day course.

### FEES FOR NIGHT COURSES

The Friday Night Business Talks by business men are open to all students, and to the public, without charge.

The tuition fee for each night course is \$20. This fee includes the matriculation and registration fee, and is for the entire College year.

Students who take only one course are expected to pay the tuition fee in advance. Students who take more than one course may divide their payments into two equal parts, one-half to be paid in advance, before the first meetings of their courses, and the other half to be paid on or before February 2nd, 1920.

The tuition fee (or the first payment in the case of a student taking more than one course) must be paid before a student is enrolled in any class. **Payment is to be made at the office of the Dean at the Association of Commerce, between 7 and 8 o'clock, on the night of the first meeting of the course or courses taken.** Payments are to be made only to the Assistant Registrar and Bursar of the College, who will be present on these nights, to receive tuition fees.

The second payment by students who are allowed to divide their payment is to be made at the office of the Dean at the Association of Commerce, between 7 and 8 o'clock, on Monday, February 2nd, 1920.

No deduction will be allowed for absences. In the case of a student taking only one course, no deduction is allowed for withdrawal. Students taking two or more courses are liable for their tuition fees up to the end of the half year in which written notice of their withdrawal is received.

---

### **REGISTRATION**

As evidence of registration, each student is requested to show his receipt for his tuition fee to the instructor at the first meeting of each course.

Students in the first two years of the four year course leading to the degree of Bachelor of Business Administration are required to register both in the College of Commerce and Business Administration and in the College of Arts and Sciences, or Newcomb College (for women), or the College of Technology.

---

### **PHYSICAL TRAINING**

Not less than two half-hours a week of physical training is required of all physically able male students in the day course of this College. This requirement does not apply to students taking night courses only.

---

### **COURSE OF STUDY FOR THE DEGREE OF BACHELOR OF BUSINESS ADMINISTRATION**

The first two years of the four year course leading to the degree of Bachelor of Business Administration are primarily in the College of Arts and Sciences, or Newcomb College (for women), or the College of Technology. The last two years are primarily in the College of Commerce and Business Administration.

Thus most of the strictly professional work of the College is built upon a foundation of general training and is offered to students in their more mature years.

For the course of study for the first two years, see bulletin of the College in which most of the work of these two years is to be taken.

The course of study for the last two years is arranged to meet the needs of the individual student. Fifteen hours a week of classes (exclusive of Physical Training), together with individual conferences with instructors and observation and study outside the class room, constitute the normal amount of work. In every case the amount of work and the selection of courses are subject to the approval of the Dean.

---

**COMBINED BUSINESS AND LAW COURSE  
PERMITTING THE COMPLETION OF  
BOTH COURSES IN SIX YEARS**

Students in the College of Commerce and Business Administration may in their senior year elect the following law courses, for which credit will be given to the extent of nine hours towards the degree of Bachelor of Business Administration: contracts, agency, personal property, real property and torts.

Earnest and ambitious students are thus enabled to complete the work required for both their law and Bachelor of Business Administration degrees in six years.

---

**CERTIFICATE AND DEGREE**

A student who satisfactorily completes any course in this College will be given a statement to that effect.

A student who satisfactorily completes eight two-hour courses (or their equivalent) in business subjects, and has met the university entrance requirements, will be given a Certificate.

A student who satisfactorily completes the required four years' course of study, and has met the university entrance requirements, will be graduated with the degree of Bachelor of Business Administration.

---

**DESCRIPTION OF COURSES AND SPECIAL BULLETIN**

For special bulletin of the College of Commerce and Business Administration, containing the announcement and full description of courses offered in 1919-1920, or for any further information, address

MORTON A. ALDRICH, Dean,  
College of Commerce and Business Administration,  
Gibson Hall, Tulane University, New Orleans, La.

## **COURSES FOR TEACHERS**

---

For many years Tulane University has operated a number of courses to meet the need of those whose hours of employment will not permit attendance upon regular classes. These classes are scheduled in the afternoon hours, and on Saturdays, thus making it possible for teachers especially, if they so desire, to add to their equipment in many subjects.

The courses are of full University grade, conducted by regular members of the University faculty, and in the case of students who have satisfactorily fulfilled the entrance requirements of the University, credits obtained may be applied toward a degree.

A recent action of the Extension Committee, approved by the University Council, makes it possible for students to earn the degree of Bachelor of Arts in Education, Course for Teachers, on work done wholly in these classes. The liberal election allowed, gives opportunity for teachers to specialize considerably, while at the same time the requirements are such as to insure a course, the completion of which can be recognized by the granting of the Bachelor's degree.

An outline of the course may be briefly stated: the student must complete 6 hours of English, 6 hours of a foreign language, 6 hours of Education, 3 hours of Psychology, 3 hours of History, and 5 hours of Physics, Chemistry or Biology. Added to this 29 hours of specified work is 33 hours of elective work, the total requirement being 62 hours.

The extension faculty is drawn from the faculties of the various Colleges of the University, the work being purely voluntary on the part of these professors, and in addition to their regular duties. That the same has been appreciated is shown by the increase in numbers of Extension students, and the fact that the majority of them are following definitely outlined courses leading to degrees.

A Bulletin, giving full information concerning requirements for admission, time and place of registration, fees, courses offered, hours and place of meeting, and credits allowed, will be issued about October 1st, 1919. It is planned to open the courses November 3, 1919.

For information or special bulletin, address Professor J. A. Lyon, Chairman Committee on University Extension, Gibson Hall, Tulane University.

## **TULANE SUMMER SCHOOL, 1919**

---

The Tulane Summer School has been in existence for eleven years. The school was organized this year under four main divisions: The Normal School, the College, the Vocational Training School, and the Model High School.

The Normal School was intended primarily for teachers and prospective teachers possessing a first grade teacher's certificate, a high school, normal or college diploma, or the scholarship equivalent to that represented by such certificate or diploma; for principals, superintendents, or supervisors.

Courses were offered in primary methods, which included reading, language, number work, songs, games, folk dancing, and nature study. Special work was also given in child study and child psychology. A practical demonstration of methods was given with a class of children.

For teachers in the grammar grades courses were offered in arithmetic, elementary algebra, history, civics, penmanship, geography, English literature, English grammar, and composition, presenting the most effective methods of treating these subjects from the standpoint of both the pupil and the material.

High school teachers had the choice of a wide range of subjects, which included both those taught in the high school and those belonging to the college curriculum. Subjects involving high school methods included English grammar, composition and literature, Latin, French, Spanish, history, civics, algebra, plane and solid geometry, trigonometry, physics, chemistry, mechanical drawing, freehand drawing, art.

For college students and teachers desiring advanced work for a degree, there were offered numerous courses in a variety of subjects, which would enable those taking them to shorten materially the time required for their degrees.

The vocational training courses were offered in response to a continued demand for such courses from those who desire to fit themselves for technical or commercial occupations or for public service.

---

### **LENGTH OF SESSION**

The Tulane University Summer School opened Monday, June 16, and continued for six weeks, closing Saturday, July 26. Students

were enrolled for the whole period, or for such part as they desired. A number of the courses were maintained by Tulane University for an additional three weeks, in order to enable the students to obtain credit for a complete college year in the subject.

---

### **TECHNICAL TRAINING FOR WOMEN**

The University offered this summer a full complement of work for teachers in the Normal School. At the same time there were offered also a number of courses for the training of women for various technical occupations in which a demand for workers has been created by post-war conditions. Among such courses offered for women were courses for the training of librarians, filing clerks, private secretaries, draftsmen, stenographers, and typewriters. Also special courses were offered in first aid and home nursing.

---

### **CREDITS**

Each six weeks' course was accepted by the State Board of Education toward certificates of credit. Such certificates of credit were issued for satisfactory work during the entire term, with a minimum of twelve and a maximum of eighteen hours per week, and entitled their holders to an increase of points on an examination for a teacher's certificate, as announced by the State Board, or would extend a valid certificate for one year. A six weeks' course was accepted by the New Orleans School Board, and, if of college grade, would also entitle the student who has successfully completed it to a credit of one-third of a year's work in that subject toward the Tulane A. B. degree. A nine weeks' course would give a credit of one-half year's work in the subject. Tulane University gives certificates for these courses and the records will be placed on file at the University office, so that students may from summer to summer accumulate credits for the A. B. degree. Teachers holding Normal School diplomas who have had full high school preparation before entering the Normal School were credited with that part of the Tulane course which they have completed, and by the addition of summer work materially advanced themselves toward a degree. Teachers or others taking the high school courses could use them for entrance credits into the University.

The amount of credit which may be normally obtained by a student in the Summer School for the six weeks is three hours, but under exceptional conditions a maximum credit of four hours may be obtained during six weeks. Candidates for the position of principal or vice-principal are allowed a maximum credit of three hours by the

New Orleans School Board. A proportionately greater credit may be obtained by students who continue nine weeks in the Summer School.

---

### MODEL HIGH SCHOOL

A Model High School was organized and was manned by some of the best instructors in the state. This was a real high school with standard courses and discipline and its students were working for credit. Method classes were organized in the Normal with a view to studying the Model High School in every phase of its operation. Teachers were given the opportunity, as a part of their work, to inspect the High School and make full, critical reports of their observations. The Model High School continued for nine weeks.

---

### FEEs

Tuition was free in normal and college courses except for a nominal registration fee. This fee, in the case of teachers, was five dollars; the fee for non-teachers was ten dollars. A small laboratory fee, to cover cost of material used, was charged students taking laboratory courses. For certain of the vocational training courses there was a special fee, in no case exceeded ten dollars for the course.

---

### ROOM AND BOARD

Board and room could be obtained by women students in the new and commodious Newcomb dormitory for \$6.00 per week. Those rooming in the dormitories were required to furnish bed clothing, pillows, towels, and napkins.

Those who did not desire to live on the campus secured room and board in private families or in desirable boarding houses near the University for \$6.00 per week and upward. A list of boarding houses, with full information as to rates, is kept in the office for the use of students.

---

For Bulletin of the Summer School, 1920, which will be issued in April, 1920, or for additional information, address the Director of the Summer School, Tulane University, New Orleans, La.



# CATALOGUE OF STUDENTS

## COLLEGE OF ARTS AND SCIENCES

### SENIOR CLASS

Bond, Howard Tucker,	McDonoghville, La.	Scientific
Dantzler, Lorenzo Nolley, Jr.,	Gulfport, Miss.	Literary
Duffy, Morris James,	344 St. Joseph	Scientific
Gschwind, Edward Robert,	6071 Laurel	Literary
Lemle, Louis George	3413 St. Charles	Literary
Lescale, Charles Maurice,	3514 Canal	Scientific
McCay, Percy Luzenberg,	1204 Race	Literary
Parkerson, William,	1527 Calhoun	Classical
Scharff, Adolph Kaufman,	New Iberia, La.	Literary
Scharff, Lester Daniel,	New Iberia, La.	Literary
Spilman, Edwin Badgley,	Claude, Tex.	Scientific
Stewart, Thomas David,	2331 Chestnut	Scientific
Wakeman, Lewis Farrington,	2928 Gen. Pershing	Literary

### JUNIOR CLASS

Bayne, Robert Emmett,	Brinkley, Ark.	Literary
Colbert, Richard Jr.,	1115 Henry Clay	Literary
Foote, John Randolph,	1421 Constantinople	Literary
Gebelin, John Alvin,	Garyville, La.	Scientific
Gordon, Robert Lionel,	1239 Nashville	Scientific
Gore, Jennie Abney, (Miss)	Bayou Sara, La.	Scientific
Greaves, Percy Dupré,	Waterproof, La.	Literary
Hammett, William Bernard,	1479 Calhoun	Literary
Krause, Rudolph Edward,	Westlake, La.	Scientific
McLellan, Charles Samuel,	Easonville, Ala.	Scientific
Monroe. James Hill,	1331 Philip	Literary
Newman, Harold Weil, Jr.	6007 St. Charles	Literary
Renshaw, William Malcolm,	741 Esplanade	Literary
Setzler, George Byron,	Crossett, Ark.	Scientific
Wallace, Henry Williams, Jr.,	Camden, Ala.	Literary
Watkins, Hugh Moss,	Lake Charles, La.	Scientific
Wolff, Justin Vollmer,	1522 Aline	Literary

### SOPHOMORE CLASS

Alcus, Samuel Theodore, Jr.,	5211 St Charles	Scientific
Baker, James Keith,	Mt. Lebanon, La.	Literary

Collier, John Thomas,	Conroe, Tex.	Scientific
Colomb, Henry Octave,	Romeville, La.	Scientific
Corry, Joseph Dunklin,	1407 Bordeaux	Scientific
Feibleman, Edward William,	1406 General Taylor	Scientific
Floyd, Paul Herman,	Lake Charles, La.	Scientific
Footte, Tandy Quisenberry,	1421 Constantinople	Literary
Fraser, Richard Augustus,	Mansfield, La.	Literary
Gessner, Leonard Edward,	117 Audubon Blvd.	Scientific
Graham, David Rea, Jr.,	7025 Freret	Scientific
Hirigoyen, Jean Raymond,	Salado, Honduras	Literary
Hubert, Henry Edward,	3615 Melpomene	Scientific
Levy, Louis Kaufman,	1631 State	Literary
Lob, Louis Charles,	1650 Robert	Scientific
Loria, Frank Leo,	721 Octavia	Scientific
Morse, James Johnston,	2812 State	Scientific
Newburger, Edwin Kirby,	1640 Palmer	Scientific
Perkins, Thomas Joseph, Jr.,	Red Fish, La.	Literary
Polmer, Samuel Cahlman,	Schriever, La.	Scientific
Stewart, William,	2331 Chestnut	Scientific
Vories, Allen Leftwich, Jr.,	1459 Henry Clay	Scientific
Walter, Edward Fay,	Winnsboro, La.	Literary

## FRESHMAN CLASS

Aschaffenburg, Eugene Albert,	4900 St. Charles	Literary
Baudier, Victor Joseph,	1328 Esplanade	Literary
Billeaud, Allen Wilfred,	Broussard, La.	Scientific
Bingham, Robert Worth,	Louisville, Ky.	Literary
Bonar, John Patrick, Jr.,	Shreveport, La.	Scientific
Burns, James Thompson,	Covington, La.	Law-Acad.
Caldwell, John Williamson, 3rd	7325 Hampson	Scientific
Caplan, Abe,	Alexandria, La.	Scientific
Connelley, Harold Haskell,	Paris, Ark.	Literary
Coyle, Charles Goodrich,	1660 Robert	Classical
Dabezies, Oliver Hippolyte,	915 Dauphine	Literary
DeLaureal, Todd Robert,	Broussard, La.	Literary
Dinwiddie, Maldolm Lee	1464 Eleonore	Scientific
Ellis, Lloyd Addison,	Amite, La.	Literary
Ewing, Quincy Martineau,	Napoleonville, La.	Scientific
Hotard, Albert Edward,	235 Lavergne	Literary
Hougland, Horace Justin,	496 Audubon	Scientific
Legeai, Harold George,	2511 Esplanade	Scientific
Montgomery, Richard Bullard, Jr.,	2011 Peters Ave.	Scientific

Mysing, August William,	17 Rosa Park	Scientific
Newman, Randolph Isidore	1635 Amelia	Scientific
O'Shee, David Stafford,	Alexandria, La.	Scientific
Pellerin, Willis Anthony,	Breaux Bridge, La.	Scientific
Polmer, Nathan Hirsch,	618 S. Rampart	Scientific
Quinette, James Horace,	1333 Lowerline	Scientific
Rooney, Herbert Paul,	2634 Washington	Literary
Schulze, William,	Monroe, La.	Literary
Shlenker, Simon, Jr.,	Monroe, La.	Scientific
Smith, John Augustine, Jr.,	1434 Seventh	Literary
Smith, Prentice Lanier,	Minden, La.	Classical
Snelling, Murdock Murph,	2317 State	Literary
Stallings, Verdie Ross,	Celeste, Tex.	Literary
Stiles, Harry Farrar, Jr.,	1539 Exposition Blvd.	Literary
Taul, Hermann,	New Iberia, La.	Scientific
Voorhies, Robert Davis, Jr.,	Lafayette, La.	Scientific
Williams, Kendall,	Owensboro, Ky.	Literary
Wirth, Willard Ralph,	1023 Louisiana	Scientific
Wright, Thomas James,	7735 Plum	Literary
Ziegler, Harold Ferdinand,	9 Audubon Place	Classical

## PARTIAL STUDENTS

Ashman, Richard,	Ocean Springs, Miss.
Dale, Lois, (Miss)	Texarkana, Ark.
Farwell, Charles Alphonzo.	2426 Prytania
Gladney, Edward Lee,	2000 Palmer
Johnson, William Nash,	Homer, La
Kopeloff, Lillian, (Mrs.)	Boston, Mass.
McClendon, Wm. Hutchinson, Jr.,	Amite, La.
McLoughlin, James Frank,	7301 Hampson
Olinde, Dewey Joseph,	New Roads, La.
Ransmeier, John Christian,	1404 Audubon
Roberts, Ralph Smith,	Keosauqua, Iowa
Teberne, Helene Olga, (Miss)	2326 Camp
Tyler, Nathan Bankston,	Loranger, La.

## SPECIAL STUDENTS

Billeaud, Roy Joseph,	Broussard, La.	Scientific
Billeiter, Charles Reesman,	Shreveport, La.	Scientific
Botts, Laurel Winter	Louisville, Ky.	Literary
Fung (y Figueroa) Atilio Genaro,	Barranca, Peru	Scientific

## PRE-MEDICAL STUDENTS

## SECOND YEAR

Baron, Joseph,	8238 Spruce
Battalora, Harold Joseph,	4650 Music
Baylis, George Benjamin, Jr.,	Hattiesburg, Miss.
Bierhorst, Henry Rehm,	3116 St. Claude
Biles, (Miss) Sethelle Phedre (A. B.)	Sumner, Miss.
Campagna, Maurice,	2951 Grand Route St. John
Carter, Clarence Strouse,	Bunkie, La.
Cerda, Salvador, Jr.,	San Jose, Costa Rica
Cocchiara, Peter,	1900 Dumaine
Davison, Emile Arthur,	824 Felicity
Dixon, William McMaster,	Columbus, Ohio
Donaldson, Pierre Armand,	Reserve, La.
Dyar, James Peryns,	Purvis, Miss.
Evans, John Rufus (Pharm. G.)	Cordele, Ga.
Fitzgerald, Willard Lee,	Birmingham, Ala.
Girard, Percy Merritt,	Lafayette, La.
Hazen, Olen B.,	Brooker, Fla.
Henderson, Roy Earl,	Longview, Texas
Henderson, William Kirby,	Money, Miss.
Johnson, Paul Earnal,	Muskogee, Okla.
Kennedy, Robert Louis,	Metter, Ga.
Landry, Odey Francis,	Delcambre, La.
Lorio, Cecil Oliver, (B. Sc.)	Lakeland, La.
Lothrop, Guy Irving,	1333 State
Menville, Paul Louis,	Houma, La.
Montelepre, Philip,	2216 S. Franklin
Muñiz-Rodriguez, Antonio,	Anasco, Porto Rico
Randazzo, Matthew Joseph,	Donaldsonville, La.
Rosenthal, Irwin William,	4026 St. Charles
Salazar (y Baldioceda) Mariano,	San José, Costa Rica
Scott, (Miss) Irma Emma,	Bonita, La.
Shuffield, Joseph Franklin,	Nashville, Ark.
Siess, Guy Edward,	Alexandria, La.
Souchon, Edmond II,	2405 St. Charles

## FIRST YEAR

Brumfield, Robert Hugh,	Magnolia, Miss.
Burton, Breck Musgrove,	Sipsey, Ala.
Cohen, Hymen Leon,	Coahoma, Miss.
Cullinane, (Miss) Catherine Anna,	1933 Fern

Dannenbauer, (Miss) Marie,  
d'Aquin, John Joseph, Jr.,  
DeRouen, Walter Clarence, Jr.,  
Duarte (y Otero), Joaquin, (B. Sc.)  
Feldner, George Diedrich  
Gaulon, Aristide Charles,  
Grunewald, Hudson Charles,  
Guenther, John Charles,  
Hyman, Earl,  
Karnofsky, Hyman,  
Katz, Harold,  
LeDoux, Morris Sterling,  
McGee, Harry Hand, Jr.,  
Ogletree, Henry Woods,  
Quinn, George Patrick.  
Rike, Heber C.,  
Robertson, (Miss) May Clare,  
Rosen, Warren Leucht,  
Sebastian, Newton Loomis,  
Smith, James Lennard,  
Tunstall, Wheeler MacCurdy  
Urrutia, Aureliano, Jr.,  
Urrutia, Carlos Fernandez,  
Wight, Bennett Allen,

Honey Grove, Tex.  
1660 Robert  
1012 Marengo  
2409 St. Charles  
3218 Magazine  
1937 Tulane  
Hotel Grunewald  
Cuero, Tex.  
1824 Baronne  
427 S. Rampart  
Hattiesburg, Miss.  
Indian Bayou, La.  
Savannah, Ga.  
New Braunsfels, Tex.  
Shreveport, La.  
Dyersburg, Tenn.  
McComb, Miss.  
12 Rosa Park  
Norwood, La.  
Columbus, Ga.  
Mobile, Ala.  
San Antonio, Tex.  
San Antonio, Tex.  
Hugo, Okla.

## COLLEGE OF TECHNOLOGY

### SENIOR CLASS

Adam, Clotaire Lecomte,	R. No. 2, Station B.	Chem. Eng.
Alvarado, Enrique,	Port Limon, C. Rica	M. & E. Eng.
Barr, Coleman Leroy,	8007 St. Charles	M. & E. Eng.
Bynum, Edwin Augustine, Jr.,	Texas City, Texas	M. & E. Eng.
Craig, Robert Emmet, 2nd.,	1138 Third	Civil Eng.
Faucheux, Lewis Joseph,	Waggaman, La	M. & E. Eng.
Favrot, Clifford Freret,	18 Richmond Place	Chem. Eng.
Frey, Herbert Anthony Peter,	733 Alvar	Chem. Eng.
Godat, David Walker,	2123 Cambronne	Civil Eng.
Griswold, Randolph Livingston	1424 Second	Civil Eng.
Hammett, Louis Nicholas,	1479 Calhoun	Architecture
Lanphier, Edward Conniff,	1430 Octavia	Chem. Eng.
Legeai, Randall Frank,	2511 Esplanade	M. & E. Eng.
Martin, Joseph Daniel,	1916 Bienville	M. & E. Eng.
Moenck (y Peralta), Miguel Angel,	Havana, Cuba	Architecture
Morthland, George Godfrey,	Decatur, Ill.	Chem. Eng.
Rau, John Eblen,	5701 Pitt	Civil Eng.
Sharp, Roger Post,	2539 Napoleon	Architecture
Sonntag, Alexander Stephen,	827 Sixth	Chem. Eng.
Vallas, Miner Howard,	7224 Zimple	M. & E. Eng.
Walshe, George Campbell,	1511 Dufossat	M. & E. Eng.
Whitehead, Edgar, Jr.,	402 Audubon	M. & E. Eng.

### JUNIOR CLASS

Atkinson, Robert Lee, Jr.,	6330 S. Liberty	Civil Eng.
Barnes, Walter Jewitt,	1654 Valmont	M. & E. Eng.
Brandon, George Shields,	2938 Palmyra	M. & E. Eng.
Calongne, Marcel Benoit,	923 N. Hagan	M. & E. Eng.
Cassagne, Alphonse Sylvain E.,	Abita Springs, La.	Civil Eng.
Dabezies, Clement Hippolite,	915 Dauphine	Civil Eng.
Ferguson, Beverly Peets,	3448 Chestnut	Civil Eng.
Hackett, James Bruton,	Gretna, La.	M. & E. Eng.
Jones, Clarence Leonard,	Napoleonville, La.	Civil Eng.
Kastler, Arthur Ordway,	3125 Chestnut	Chem. Eng.
Kessler, Sam, Jr.,	7223 St. Charles	Chem. Eng.
King, Jean Myriel,	Lake Charles, La.	M. & E. Eng.
Lothrop, Rex Elias,	1333 State	Chem. Eng.

Mercier, Walter Hynson,	1640 S. Carrollton	M. & E. Eng.
Muller, Richard Frotscher,	2627 Coliseum	M. & E. Eng.
Parkerson, William,	1527 Calhoun	M. & E. Eng.
Sinclair, James Louis,	737 Eleonore	Chem. Eng.
Stone, Frank McCrary,	7919 Jeannette	M. & E. Eng.
Wright, Charles Lafayette, Jr.,	Timberton, La.	M. & E. Eng.
Wyler, Louis John,	530 Jackson	Civil Eng.

## SOPHOMORE CLASS

Abrego, Maud Stevanno, (Miss)	Lake Charles, La.	Architecture
Alvarado, Alfonso	Port Limon, Costa Rica,	Chem. Eng.
Berea (y Canla), Alexander, Jr.,	904 Hillary	Civil Eng.
Blum, George Richard,	Donaldsonville, La.	M. & E. Eng.
Buja, Louis Marcus,	1132 N. Gayoso	Civil Eng.
Carter, John Henry, Jr.,	1220 Pine	M. & E. Eng.
Cohen, Clarence Anthony,	5010 Freret	Chem. Eng.
Cooley, Henry Bell,	5526 Chestnut	Civil Eng.
Crawford, Carroll Stiles,	Gretna, La.	M. & E. Eng.
Dykers, John Reginald.	8320 Sycamore	Chem. Eng.
Ebaugh, John Lynn, Jr.,	5830 Pitt	Chem. Eng.
Elizardi, Frank Pace,	2222 Dublin	M. & E. Eng.
Foster, Charles Shearer,	1424 Bordeaux	Chem. Eng.
Gregory, William Bres,	630 Pine	M. & E. Eng.
Grentz, Leo Bertrand,	McDonoghville, La.	M. & E. Eng.
Harper, Harold Ruse,	2017 Peters	M. & E. Eng.
Hustedt, Harry Herbert,	6320 Story	M. & E. Eng.
Lea, Rufus Upton,	5320 Danneel	Civil Eng.
LeDoux, McLean Joseph,	1241 Harmony	M. & E. Eng.
Legeai, Harold George,	2511 Esplanade	Chem. Eng.
Lewis, George Richard Wm.,	3027 Esplanade	M. & E. Eng.
McCullough, John Lane,	Ceiba, Spanish Hond.	M. & E. Eng.
Middleton, John Morris,	2115 State	M. & E. Eng.
Nungesser, Fredk. Jacob Kuhn,	529 Jackson	Chem. Eng.
Parkhouse, Edward Demarest,	1444 Calhoun	M. & E. Eng.
Prescott, Coulter Ball,	4933 Chestnut	M. & E. Eng.
Rainold, Frank Edward,	1839 Calhoun	M. & E. Eng.
Richardson, John Benjamin,	1212 Seventh	M. & E. Eng.
Rodriguez, Henry Edward,	1300 Mandeville	Civil Eng.
Rosen, Louis Leucht,	12 Rosa Park	Civil Eng.
Schwartz, Simon Bernard,	1807 Upperline	Civil Eng.
Singer, Benjamin,	1821 Terpsichore	Chem. Eng.
Spaar, William Hobson,	3506 Banks	Civil Eng.

Vennard, Wickliffe Black,	836 Cherokee	M. & E. Eng.
Voss, Helmuth Carlyle,	7800 Jeannette	Civil Eng.
Willoz, Armand Louis,	1221 N. Tonti	Civil Eng.

## FRESHMAN CLASS

Alciatore, Jules Caesar,	1936 Peters	M. & E. Eng.
Alcus, Lewis Scherck,	1634 Robert	M. & E. Eng.
Alker, Albert Raymond,	1635 State	Architecture
Alker, Paul Brady,	1635 State	M. & E. Eng.
Alvarado, Julian Rubin,	Guatemala	Civil Eng.
Bloodworth, Sol, Jr.,	901 Burdette	M. & E. Eng.
Brown, Benjamin Temple	7 Rosa Park	Chem. Eng.
Brown, Frank James,	1922 State	Architecture
Caffery, Donaldson, Jr.,	1228 Race	M. & E. Eng.
Campbell, Philip James,	4920 Chestnut	M. & E. Eng.
Cason, Mary Blanche, (Miss)	5914 Hurst	Architecture
Cohen, Joseph Saul,	2415 Coliseum	M. & E. Eng.
Correa, Miguel Angel, Jr.,	Arecibo, Porto Rico	Chem. Eng.
DeBlanc, Joseph Walter, Jr.,	3031 Ursuline	Civil Eng.
DeRussy, Charles Nolte,	Belle Alliance, La.	M. & E. Eng.
Diego (y Hernandez), Diego,	Havana, Cuba	Civil Eng.
Dinkins, Henry Harreld, Jr.,	Louisa, La.	M. & E. Eng.
Emery, Robert Lee, Jr.,	2323 St. Charles	M. & E. Eng.
Farrar, Thomas Prince,	2209 St. Charles	Architecture
Farwell, Charles Alphonzo,	2426 Prytania	M. & E. Eng.
Feldman, Perry Selig,	2504 Chestnut	Civil Eng.
Fine, Robert Hewson,	Birmingham, Ala.	Chem. Eng.
Fox, Willoughby Beresford,	1302 State	Civil Eng.
Fritchie, Charles Julius,	Slidell, La.	Civil Eng.
Fulmer, James Lee,	2238 Gen. Pershing	M. & E. Eng.
Gandolfo, Fernand Charles, Jr.,	2003 Ursuline	Civil Eng.
Gaudet, John Valery,	2124 Palmer	M. & E. Eng.
Haas, Douglas Marshall,	Bunkie, La.	M. & E. Eng.
Haas, Nathan Lewis,	Opelousas, La.	M. & E. Eng.
Hallam, Cecil Alfred,	Clinton, La.	M. & E. Eng.
Healy, Rowland Archibald,	1803 Peters	M. & E. Eng.
Hess, William Talman,	1220 Short	M. & E. Eng.
Hiller, Julian Richard,	1531 S. Carrollton	M. & E. Eng.
Hoffman, Frederick John,	2004 Elysian Fields	Chem. Eng.
Jetmore, Harvey Allen, Jr.,	1321 Pine	M. & E. Eng.
Kalmbach, Charles Dennis, Jr.,	Shreveport, La.	M. & E. Eng.
Kearney, William James, Jr.,	4114 Canal	M. & E. Eng.



Kearny, Edward Newton, Jr.,	1572 Henry Clay	Chem. Eng.
Kelly, Claude John,	1738 St. Roch	Civil Eng.
Kyle, Volney Howard, Jr.,	Houma, La.	M. & E. Eng.
Leche, Richard Webster,	2511 Broadway	M. & F. Eng.
LeClercq, Edith, (Miss)	Dallas, Tex.	Architecture
LeGardeur, George Vignes,	1127 Crete	Civil Eng.
Levy, Bernard Maurice,	Patterson, La.	M. & E. Eng.
*Levy, Lionel Cardoza,	1524 Seventh	M. & E. Eng.
Liuzza, Anthony John,	245 S. Claiborne	M. & E. Eng.
Ludlow, Junior,	1723 Josephine	M. & E. Eng.
Lynch, Charles Byrne,	1431 Tulane	M. & E. Eng.
McCollough, Ernest Edwin,	Fullerton, La.	Chem. Eng.
Maier, Otto Theodore,	2819 Carondelet	M. & E. Eng.
Marks, Jacques Percival,	1631 Arabella	Civil Eng.
Marx, Isadore,	Bogalusa, La.	Civil Eng.
Michaelis, Holman Louis,	1127 Second	M. & E. Eng.
Monette, Arthur Gayle,	1723 Jackson	Civil Eng.
Montlezun, John Albert Milton,	4437 St. Charles	M. & E. Eng.
Morris, Joseph Chandler, Jr.,	1654 State	Civil Eng.
Morton, Oscar William,	San Antonio, Tex.	M. & E. Eng.
Moynahan, Roy Dewey Bernard	Detroit, Mich.	Civil Eng.
Murrell, George Michael,	Bayou Goula, La.	M. & E. Eng.
Naberschnig, Edw. Mitchell, Jr.,	233 N. Broad	Civil Eng.
Newman, Jacob Keifer, Jr.,	4433 St. Charles	Civil Eng.
Pesses, Isidore Leon,	2040 Burgundy	Civil Eng.
Richardson, Lewis Johnson,	1212 Seventh	M. & E. Eng.
Richeson, William Lyle, Jr.,	1938 State	M. & E. Eng.
Rittenberg, Charles Lewis,	224 S. Rampart	Civil Eng.
Ruffo, Joseph John,	913 St. Andrew	Civil Eng.
Russell, Sidney Johnson, Jr.,	Shreveport, La.	Civil Eng.
Salmon, Harold Moses,	1625 Arabella	Chem. Eng.
Schwartz, Andrew Koebel,	Savannah, Ga.	Chem. Eng.
Simmons, Fisher Edward,	712 Broadway	Civil Eng.
Teberne, Helene Olga, (Miss)	2326 Camp	Chem. Eng.
Thomas, Ira Lee, Jr.,	Alexandria, La.	M. & E. Eng.
Todd, Rudolph Adelbert,	7400 Pearl	M. & E. Eng.
duTreil, Louis Joseph Nadau	480 Audubon	M. & E. Eng.
Truxillo, Henry Hubert,	324 S. Galvez	Civil Eng.
Wachenheim, Albert, Jr.,	5534 St. Charles	Civil Eng.
Walker, Oliver Perry,	5509 Camp	Civil Eng.

\*Deceased.

Wharton, William Coyle,	1329 St. Andrew	M. & E. Eng.
Williams, Eugene Bernard,	830 Audubon	Civil Eng.
Winchester, Peter Sidney, Jr.,	1437 St. Mary	M. & E. Eng.
Wynn, Robert Sawtelle,	Shreveport, La.	Civil Eng.

## PARTIAL STUDENT

Gore, Jeunie Abney (Miss)	Bayou Sara, La.
---------------------------	-----------------

## SPECIAL STUDENTS

Bryant, Gardner William,	Hollywood, Cal.	M. & E. Eng.
Elizardi, Walter Philip,	2330 Burgundy	M. & E. Eng.
Gazin, Rhea Margueritte (Miss)	7003 Fontainebleau	Architecture
Kopeloff, Lillian, (Mrs.)	Boston, Mass.	M. & E. Eng.
Manero, Jose Fernandez,	Villokemora, Mex.	M. & E. Eng.
Toniette, Alvin Casmere,	Sulphur, La.	Chem. Eng.

## H. SOPHIE NEWCOMB MEMORIAL COLLEGE

A—Course in Art.  
C—College.  
E—Course in Education.  
M—Course in Music.  
\*—Partial Course.

### SENIOR CLASS

Arrington, Maude Venables	C.	Trenton, Ky.
Ayres, Katherine Stuart,	C.	Knoxville, Tenn.
Bailey, Catherine Durham	C.	Jackson, Miss.
Bate, Eunice Lea,	A.	1330 Pine
Beattie, Margaret Hayne,	A.	Greenville, S. C.
Black, Ida Lise,	C.	1329 Octavia
Blank, Hilda,	A.	7519 Hampson
Bostick, Ruth Marguerite,	C.	5344 Coliseum
Brown, Gladys Sadie,	M.	Mobile, Ala.
Cohn, Fannie,	C.	4706 St. Charles
Cotonio, Margherita Judicia,	C.	2309 Palmer
Curran, Mildred,	C.	7319 Hampson
Dietze, Charlotte Amy,	C.	5524 Prytania
Dreyfous, Caroline Helen,	C.	1140 Jackson
Dreyfus, Berenice,	C.	1834 Upperline
Drumm, Dorothy Katharine,	C.	Gretna, La.
Duval, Leonora Bisland,	E.	Houma, La.
Ellis, Julia,	E.	Rayville, La.
Fischer, Elizabeth Victoria,	C.	800 Audubon
Friedrichs, Helene Oehmichen,	E.	220 S. Pierce
Fulham, Ruth Drew,	E.	2128 Gen. Pershing
Gill, Olyve Bryant,	C.	2333 Camp
Grevemberg, Helen Josephine,**	C.	8514 Sycamore
Guthrie, Agnes Marsh,	E.	Natchez, Miss.
Hagen, Dorothea Marceline,	A.	Covington, La.
Hardee, Naomi Beatrice	E.	Eupora, Miss.
Hartfield, Sallie Belle	C. & E.	Jackson, Miss.
Katz, Adaline Jerrie,	C.	700 Broadway
Kessler, Lillian Louise,	C.	7223 St. Charles

\*\* Deceased.

Koch, Anna Frotscher,	C.	2627 Coliseum
Lund, Georgejean,	C.	1415 Harmony
Mackenzie, Helen,	E.	Thibodaux, La.
Magruder, Evangeline,	A.	1230 Louisiana
McPetridge, Katherine Louise,	C.	4810 St. Charles
McLellan, Anna,	C.	2108 Napoleon
McLeod, Margaret Inglis,	M.	1905 State
Meyer, Ruth Charlotte,	C.	1224 Constantinople
Morgan, Calista Airey,	E.	1520 Felicity
Naff, Merrimac,	E.	Bastrop, La.
Newburger, Mina Esther,	C.	1640 Palmer
Odenheimer, Marian Helen,	C.	5225 St. Charles
O'Kelley, Lucile,	C.	1701 Marengo
O'Shee, Julia Anna,	E.	Alexandria, La.
Parkerson, Alice Stirling,	E.	1527 Calhoun
Parks, Martha Manier,	E.	Memphis, Tenn.
Pigott, Evelyn,	C.	3706 Prytania
Ransmeier, Viola Sirera, B. A.*	C.	1404 Audubon
Raymond, Mary, B. A. Ed.	C.	1324 Nashville
Reboul, Ruth Harvey,	E.	2106 Chartres
Richardson, Annie Lucile	C.	Grand Cane, La.
Roussel, Marguerite Amelie,	E.	Patterson, La.
Saunders, Caryetta,	C.	2925 Coliseum
Schuler, Alma Catherine,	M.	6028 Pitt
Seago, Mary Mallard,	C.	1917 Gen. Pershing
Sexton, Frances,	M.	Hazlehurst, Miss.
Shields, Cora Isabel,	C.	421 Vallette
Slack, Caroline Louise,	C.	Alexandria, La.
Slagle, Cleta Elizabeth, B. A.*	E.	Clarks, La.
Socola, Bianca, B. A. Ed.*	C.	1331 Dumaine
Voss, Thelma Gladys,	C.	Bogalusa, La.
Waldo, Ivy Elliott,	C.	5217 Perrier
Wallace, Saresta Lucie,	E.	Woodville, Miss.
Wallis, Juanita Angele,	C.	Houma, La.
Warriner, Mary Mercer,	A.	1525 Short
Weeks, Mildred,	C.	New Iberia, La.
Wharton, Helen Coyle,	A.	1329 St. Andrew
Wilson, Kate Lucinda,	E.	Morning Sun, Iowa
Withers, Louise Fontaine,	C.	Greensboro, Ala.

## JUNIOR CLASS

Abaunza, Consuelo Dorothy,	C.	7003 St. Charles
Alford, Louise,	E.	McComb, Miss
Barrett, Imogene,	C.	705 Pelican
Becker, Lydia,	C.	2309 Chippewa
Becnel, Dorothy Amelie,	C.	1510 Arabella
Belden, Belle Adele,**	A.	1122 First
Bonvillain, Marie Virginia,*	C.	Houma, La.
Bradford, Andrina Effie Grace,	M.	731 Howard
Brown, Marion,	C.	1020 Robert
Burkenroad, Edna Fannie,	C.	7733 St. Charles
Caffery, Bethia,	E.	1228 Race
Chalaron, Corinne Marie,	A.	1509 Pine
Chopin, Julia Josephine,	A.	Derry, La.
Cook, Kathleen,	E.	Grand Cane, La.
Cummins, Amy Emerson,*	C.	Henderson, Ky.
deMilt, Irma Louise,	C.	Biloxi, Miss.
Diboll, Frances Louise,	M.	802 Pine
Douglas, Dorothy,	C.	1205 N. Lopez
Ellis, Martina Hamilton,	E.	Amite, La.
Ellsworth, Olive Erminie.	M.	McComb, Miss.
Fenner, Martha Elizabeth,	E.	2511 St. Charles
Gillespie, Sallie,	A.	Fort Worth, Tex.
Graner, Dorothy Rainold,	E.	1633 First
Gregory, Elizabeth,	C.	630 Pine
Gueydan, Jeanne,	E.	Gueydan, La.
Harrison, Emily Bondurant,	E.	Birmingham, Ala.
Hay, Dorothy Alice,	C.	6035 Prytania
Kastler, Ruth Ordway,	C.	3125 Chestnut
Kearny, Laura Buckner,	C.	1572 Henry Clay
Kemper, Delaware,	C.	Franklin, La.
Kent, Esther,	C.	Kentwood, La.
Kerlin, Christine,	E.	Homer, La.
Kling, Muriel Adelaide,	M.	New Iberia, La.
Levi, Irma Gladys,	C.	1715 Calhoun
Lindenfield, Bertha,	C.	Lexington, Tenn.
Luzenberg, Katharine Hardy,	C.	1230 State
Lyman, Isabel McCown,	C.	1233 Fern
Mayer, Tess Barbara,	C.	5234 Pitt
McConnell, Margaret Neilson,	C.	1586 Calhoun

\*\* Deceased.

Moore, Evelyn Lowry,*	E.	1523 Terpsichore
Morgan, Fay,*	E.	Knoxville, Tenn.
Neilson, Viola Lee,	E.	1923 Richmond Place
North, Marion,	C.	Lake Charles, La.
Perkins, Georgie May,	E.	Norwood, La.
Perkins, Ophelia Hardesty,	M.	Red Fish, La.
Peters, Olga Veronica,	A.	2309 Carondelet
Randolph, Nan Conner,	E.	Bayou Goula, La.
Reynolds, Luda Elizabeth,	C.	Arcadia, La.
Richard, Bert Elise,	E.	1713 State
Rightor, Lelia Marguerite,	C.	7428 Macarty
Roane, Jessie Bryce,	A.	2231 Marengo
Rock, Marian,	C.	Lake Charles, La.
Scherck, Fannie Vera,	C.	5215 Perrier
Scooler, Irma Sarah,	E.	Octavia Apts.
Seago, Dorothy Wilson,	C.	1917 Gen. Pershing
Sexton, Dana,	M.	Hazlehurst, Miss.
Smith, Daisy Belle,	E.	Franklin, La.
Stillwell, Matilda Hall,	E.	Selma, Ala.
Sugarman, Sally Salinger,	E.	2010 Palmer
Supple, Catherine Rosa,	E.	Bayou Goula, La.
Thrall, Bernice Marie,	A.	Lake Charles, La.
Unruh, Irma Amelia,	E.	Mobile, Ala.
Vairin, Martha Bruce,	E.	19 Audubon Place
VanHorn, Marie Louise,	C.	1209 Lowerline
Wall, Emma Elizabeth,	C.	24 Audubon Place
Wallace, Mary Octavie,	E.	Cinclare, La.
Watson, Helen,	E.	Biloxi, Miss.
Wetzel, Lula Davis,	C.	Monroe, La.
White, Ellene Tobin,	C.	1530 First
Wile, Isabel,	E.	Shreveport, La.
Wilkins, Virginia Averyl,	E.	Jennings, La.
Wilson, Eleanor Genevieve,	C.	1457 Calhoun
Young, Blanche LeSassier,	E.	Goldman, La.
Zoeller, Adelaide Mary,	C.	1519 Calhoun
Zuber, Willie,	C.	Auburn, Ala.

## SOPHOMORE CLASS

Adamson, Eleanor Hunt,	C.	Hammond, La.
Adler, Helen Coleman,	E.	2113 St. Charles
Andrews, Louis Elizabeth,	E.	1628 Felicity
Baird, Dorothy Terrell,	E.	Columbus, Miss.

Baumgartner, Lucile Taylor,	C.	1131 Delachaise
Bein, Emily Margaret,	A.	510 Lowerline
Bourdette, Freda,	C.	740 Peters Ave.
Bourgeois, Camille Jackson,*	E.	Baton Rouge, La.
Brady, Ione Edwina,	C.	Octavia Apts.
Butler, Harriet Mathews,*	E.	St. Francisville La.
Campbell, Lula Mae,	E.	Morgan City, La.
Charbonnet, Berthe Odile,	E.	1608 Esplanade
Clay, Edna Lillian,	E.	Selma, Ala.
Cohen, Myra Ettelson,	C.	Mobile, Ala.
Cohen, Rebekah,	E.	Coahoma, Miss.
Cooper, Ursula Cary,	C.	2302 Octavia
Cothran, Adelaide Gammon,	E.	2705 Prytania
Daniel, Frances,	E.	Columbus. Ga.
Davenport, Gladys Louise,	C.	Hattiesburg, Miss.
Davis, Sarah,	C.	319 Seguin
DePass, Mabel Batte,	E.	1912 Palmer
deReyna, Yvonne,	E.	1224 N. Claiborne
Dodge, Nellie Burbank,	C.	3102 St. Charles
Faulk, Louise Elizabeth,	E.	Monroe, La.
Fernandez, Yvonne Gabrielle,	E.	1021 N. Derbigny
Fischer, Grace,	C.	800 Audubon
Frey, Beatrice Rhea,	C.	1562 N. Broad
Fuerst, Miriam Mendes,	C.	2115 Peters Ave.
Goodman, Frieda Fanny,	C.	1636 Peniston
Goodwine, Marjorie,	E.	Locust Ridge, La.
Hart, Rosa Lucille,	C.	Lake Charles, La.
Hatch, Mary,*	E.	Buckner, La.
Herbert, Mary Alice,	E.	1637 Eighth
Hutchinson, Olive,*	E.	Dixon, Ill.
Jackson, Carrie Flournoy,	E.	Doyline, La.
Joffrion, Eva-Lou,*	C.	Lecompte, La.
Joffrion, Sadie May,	C.	Marksville, La.
Kahn, Sadie Ethel,	E.	Rayne, La.
Kansas, Adele Ida,*	A.	7418 Maple
Kirkwood, Julia Allie,	E.	137 S. Scott
Lampert, Hazel Irene,	E.	1614 S. Carrollton
Lampert, Helen Katharine,	C.	1614 S. Carrollton
Lenoir, Vida Lamkin,	E.	McComb. Miss.
Lawler, Ruth Curry,	M.	Bryan, Tex.
Levy, Ida Emily,*	E.	Franklin, La.

Levy, Lillian,	E.	1700 Robert
Luria, Marguerite Eloise,	M.	1305 Broadway
Magruder, Bessie Wailes,	E.	Woodville, Miss.
Maher, Katherine French,	C.	7226 Zimple
Marshall, Horace Miller,	C.	Vicksburg, Miss.
Martyn, Ruth Auguste,	C.	805 Broadway
Matthew, Emma Bieber,	E.	1106 Peniston
McLemore, Margaret Humphrey,	E.	Natchez, Miss.
Meek, Evalyn,	M.	Kosciusko, Miss.
Moody, Velna Monroe,	E.	1315 Louisiana
Morse, Jessie Barclay,	C.	6037 Perrier
Parkhouse, Edith Demarest,	C.	1444 Calhoun
Peters, Florence,	E.	Winnfield, La.
Pierpont, Nellie Flower,	C.	2020 Amelia
Reaney, Georgiana,	C.	U. S. Immigration Station
Renaud, Lucy Webb,*	E.	1637 Seventh
Roberts, Lyda Broad,	C.	4011 Carondelet
Rock, Betty,	C.	Lake Charles, La.
Snell, Marcia Louise,	C.	Council, Ga.
Snoddy, Mary Josephine,	E.	Gueydan, La.
Sompayrac, Irma,	A.	Natchitoches, La.
Stewart, Minnie Louise,	C.	Lake Charles, La.
Stouse, Mabel Marie,*	E.	382 Broadway
Texada, Margaret Ker,	E.	Boyce, La.
Vick, Doris Nancy,	C.	6018 Hurst
Ware, Florence Hilda.	E.	6053 Laurel
Wilkinson, Margaret Rothell,	C.	Montgomery, Ala.
Wooster, Margaret,	E.	Centreville, La.

## FRESHMAN CLASS

Abram, Bessie,*	E.	Lufkin, Tex.
Abram, Evelyn,	E.	Lufkin, Tex.
Abrams, Jean Catherine,	E.	3915 St. Charles Ave.
Algots, Marian Louise,	E.	Raceland, La.
Alvarez, Julia Angela,	E.	Mobile, Ala.
Anderson, Dorothea Wilson,	M.	Shreveport, La.
Bailey, Iva Juliet,	E.	Unedus, La.
Bass, Cassie Juanita,	C.	1338 Broadway
Bate, Muriel Alston,	C.	1330 Pine
Bogue, Loretta Aline,	E.	Mobile, Ala.
Boudreaux, Malvin Rita,	C.	Houma, La.
Brainerd, Gertrude,	C.	236 Walnut



Brian, Lucia Leck,	C.	3607 Chestnut
Brock, Annis Lorraine,	E.	Tallapoosa, Ga.
Brown, Beulah Postlethwaite,	E.	Shreveport, La.
Brown, Mildred,	E.	1023 Fern
Bryan, Josephine D.,	M.	Natchitoches, La.
Buford, Claire,	M.	Memphis, Tenn.
Bullard, Lou Orlean,	E.	Meridian, Miss.
Bulloch, Beryl,*	E.	Tyler, Tex.
Burdin, Helen Esther,	E.	St. Martinville, La.
Burke, Georgie Fabre,	M.	8219 Neron
Bynum, Amelia Sophie,	E.	Monroe, La.
Camors, Rita Fredericka,	E.	5333 Prytania
Chauvin, Mabel Josephine,	C.	Ellendale, La.
Christian, Mildred Gayler,	C.	6316 Freret
Clark, Merle,	E.	Newton, Miss.
Clark, Mildred Elizabeth,	E.	Alexandria, La.
Cochran, Frances Caroline,	C.	Meridian, Miss.
Code, Georgette Patricia,	E.	7814 Green
Coe, Isabelle,	E.	Minneapolis, Minn.
Cohen, Annette Ettelson,	E.	Mobile, Ala.
Colcord, Marie Worthington,	E.	Atlanta, Ga.
Colcord, Sara Willingham,	E.	Atlanta, Ga.
Covington, Dorothy,	C.	Hazlehurst, Miss.
Cromwell, Clara Belle,*	E.	1837 Palmer Ave.
Dameron, Alice Ivy,	E.	1820 State
Davidson, Celeste Inez,*	M.	Houston, Tex.
Davis, Virginia Marie,	E.	Ansley, La.
DeGraffenreid, Suzanne Elaine,	C.	Monroe, La.
DeLaureal, Carmen Magdelene,	E.	Broussard, La.
Dickson, Margaret Elizabeth,	E.	Woodville, Miss.
Doody, Mary Virginia,	C.	Mobile, Ala.
Dreyfuss, Frances,	C.	Shreveport, La.
Dymond, Helen,	C.	3223 St. Charles Ave.
East, Mae Mayo,	E.	2005 Octavia
Ehlers, Helena Mary,	E.	328 Delaronde
Ellsworth, Edith May,	M.	McComb, Miss.
Engler, Gladys Catherine,	C.	1022 State
Ervin, Eugenia,	C.	Crystal Springs, Miss.
Evans, Francese Roma,	E.	San Antonio, Tex.
Ewin, Adair Humphries,	A.	Biloxi, Miss.
Fernandez, Olga Gabrielle,*	E.	1021 N. Derbigny

Ferrata, Elena Marie,*	E.	2705 Chestnut
Flanagan, Helen Catherine,	C.	Laurel, Miss.
Flaspoller, Estelle,	E.	1229 State
Frankenbush, Ellen Graver,	E.	3812 Chestnut
Frederic, Louise Whitney,	E.	1134 Camp
Freedman, Annette,*	M.	Palestine, Tex.
Fulham, Joe May Wailes,	C.	2128 Gen. Pershing
Gibbs, Helen Rainer,	M.	Spokane, Wash.
Goddard, Julia Day,	E.	331 Broadway
Goldberg, Frieda Belle,	E.	Alexandria, La.
Goldsmith, Helene Blanche,	E.	823 Pine
Goldstein, Cecile,*	E.	Mobile, Ala.
Goodin, Alma Louise,	E.	435 Audubon
Gould, Mary Eleanor,	C.	Shreveport, La.
Gueydan, Mireille Louise,	E.	2203 Pine
Gurley, Marie Rosamond,	E.	1740 Bourdeaux
Gutmann, Ethel May,	C.	5111 Dryades
Hardwick, Everall Burdon,	C.	1461 Henry Clay Ave.
Harper, Ruth Bertha,	M.	2017 Peters Ave.
Hatch, Carrie Elizabeth,	E.	Buckner, La.
Hay, Marjorie Beulah,	A.	6035 Prytania
Hayne, Frances Thorn,	C.	Congaree, S. C.
Hayne, Grace Phyllis,	E.	Boyce, La.
Hayne, Kathleen Aurora,	E.	Boyce, La.
Herman, Ruth Mae,	E.	Springfield, Mo.
Hess, Alice M.,	E.	1220 Short
Holcombe, Josephine,	M.	Gadsden, Ala.
Hopkins, Beatrice Lurline,	E.	Mer Rouge, La.
Hopkins, Corinne Marie,	E.	730 Esplanade
Hunter, Blanche Fullerton,*	E.	Versailles, Ky.
Issacs, Sarah Oesterman,	C.	1692 Robert
Jackson, Ethel Barco,	M.	Miami, Fla.
Johnson, Ellinor Josephine,	C.	Boyce, La.
Johnson, Ella,	E.	Tallulah, La.
Johnson, Mildred Pauline,	C.	Boyce, La.
Johnston, Christine Love,	E.	722 Lowerline
Joubert, Georgette,	E.	2123 Broadway
Kearny, Ellen Lee Sloo,	E.	1230 Webster
Kellier, Thelma Delphine,	E.	625 Pine
Kemper, Maude Wiley,	A.	Franklin, La.
Keyer, Frances Arrighi,	C.	Natchez, Miss.

Kidd, Margery Mayfield,	C.	Ruston, La.
Koerner, Lydia,	A.	223 Audubon Blvd.
Kohlmann, Clem,	E.	1544 State
Kuss, Esther Anna,	C.	1718 Fourth
Landon, Margaret MacLean,	E.	Indianapolis, Ind.
Lanphier, Camille Edna,	E.	1430 Octavia
Lathrop, Bertha Martin,	E.	928 Broadway
Latta, Mary Nell,	M.	Marianna, Ark.
LeBlanc, Eleanor Barrow,	C.	1405 Peters Ave.
LeBlanc, Emma Pauline,	E.	Franklin, La.
LeClercq, Edith,	E.	Paris, Tex.
Leipziger, Eleanor Jeannette,	C.	1708 Dufossat
Levert, Octavia Marjorie,	E.	Mark, La.
Lewis, Alice Montgomery,	C.	1208 Webster
Lewis, Alice Villere,	A.	1229 N. Rampart
Lewis, Clara Davis,	C.	1229 N. Rampart
Lopez, Clara Seal,	C.	Biloxi, Miss.
Lyle, Dorothy Vories,	C.	7304 Plum
Lyon, Margaret Blair,	C.	1210 Brordway
Magruder, Julia Mae,	E.	1230 Louisiana Ave.
Magruder, Socia Sinclair,	E.	Woodville, Miss.
Marshall, Margaret Laura,	E.	1803 Howard
May, Amélie Longer,	C.	2406 Prytania
McCay, Anna Conner,	E.	1204 Race
McIlhenny, Rosemary,	A.	Avery Island, La.
McKnight, Olga Kathleen,	E.	Augusta, Ark.
Metcalfe, Louise Learned,	E.	Natchez, Miss.
Milling, Dixie Cherry,	C.	1468 Nashville Ave.
Mintz, Sarah,	E.	Nacogdoches, Tex.
Morse, Alice Barclay,	E.	6037 Perrier
Moseley, Roberta,*	A.	Hollandale, Miss.
Moses, Irma,	C.	1648 Joseph
Mulcahy, Virginia Broachwell,*	E.	Versailles, Ky.
Murdoch, Frances Louise,*	C.	Newellton, La.
Murphy, Marguerite Price,	E.	Washington, D. C.
Murrell, S. Gwin,	A.	Bayou Goula, La.
Neuwirth, Hazel,	E.	Monroe, La.
Newell, Marjorie Dunbar,	E.	Chattanooga, Tenn.
Newman, Nanon,	C.	1633 Napoleon Ave
Nickerson, Lucille May,	E.	Lafayette, La.
Ochs, Fannie Leonie,	E.	7900 Jeannette Place

Odenheimer, Alice,	C.	5225 St. Charles Ave
Oechsner, Julia Dorothy,	C.	5330 Danneel
Passafume, Carmelite,	E.	1330 Magnolia
Paterson, Elizabeth Agnes,	C.	San Antonio, Tex.
Phillips, Alistine,	E.	1115 Euterpe
Pitner, Lynn Josephine,	E.	Chattanooga, Tenn.
Pool, Mildred Lockwood,	E.	7903 Zimple
Pool, Pearl Cecelia,	A.	7903 Zimple
Powe, Frances Helen,	E.	7807 S. Claiborne Ave.
Prague, Evabelle,	E.	1416 St. Andrew
Prichard, Kate Doniphan,	M.	5326 Dryades
Pugh, Kathleen,	E.	Mobile, Ala.
Rayner, Alice McCain,	M.	Lexington, Miss.
Rexach, Adele Marie,	E.	Bay St. Louis, Miss.
Richard, Eugenie Byrne,	C.	1713 State
Roberts, Kathleen Elizabeth,	E.	Alexandria, La.
Rossner, Edna Marie,	C.	Gretna, La.
Ruffin, Lady Bird,	E.	Monroe, La.
Scanlon, Mary Agnes,*	E.	Kentwood, La.
Shatz, Lillian,	E.	Kenton, Tenn.
Shaw, Edith Davis,	E.	Loreauville, La.
Shumake, Clara Dee,	E.	Pineville, La.
Smith, Alice Childress,	E.	Bryan, Tex.
Sonnemann, Ione Frances,	E.	1727 St. Charles
Stafford, Julia Lois,	E.	Houston, Tex.
Stern, Helen Bertha,	E.	1705 Gen. Pershing
Sternberg, Rose Merrian,*	C.	Asheville, N. C.
Stille, Anna Louise,	M.	Many, La.
Stratton, Flora Henry,	E.	1520 Soniat
Tenison, Ruth McCarroll,*	C.	7111 Freret
Thibaut, Josephine Elmina,	E.	Napoleonville, La.
Thompson, Bert Gayle,	C.	Boyce, La.
Thompson, Grinnelle Lyon,	E.	4416 Perrier
Threefoot, Yetta Carleen,	E.	Meridian, Miss.
Townsend, Margaret Faye,	E.	St. Marys, Ga.
Turner, Elizabeth Jackson,	C.	Zanoni, Va.
VanderVeer, Mary Elizabeth,	E.	1229 Calhoun
VanHorn, Merle,	E.	1209 Lowerline
Villere, Emilie Madeleine,	E.	1557 Henry Clay Ave.
Wallbillich, Cecelia Amy,	C.	1431 St. Claude
Wallbillich, Olga Frances,*	E.	2420 Columbus

Watson, Miriam Buck,	C.	Locust Ridge, La.
Weil, Jeannette Gordon,	E.	Alexandria, La.
Weil, Jessie Marco,	C.	Alexandra, La.
Wellborn, Lillie Wogan,	E.	Montgomery, Ala.
Wells, Mildred Florine,	E.	3227 Palmyra
Wheeler, Borodel Denison,	A.	Natchez, Miss.
Wight, Mattie Belle,*	A.	Hugo, Okla.
Wilby, Elizabeth,	A.	Selma, Ala.
Williams, Lovie Melvina,	M.	Florien, La.
Wogan, Claire Marie,	A.	1739 Marengo
Worrell, Grace Marie,	E.	St. Joseph, La.
Wright, Florence Mildred,	E.	Winnfield, La.
Wyche, Julia Malone,	C.	New Iberia, La.
Yancey, Mary Lanier,	A.	Monroe, La.
Zoeller, Julia Clara,	C.	1519 Calhoun

## GRADUATE ART

Baccich, Eunice,	1516 Soniat
Bancroft, Emma Claire,	2423 Gen. Pershing
Clemens, Alethia,	Biloxi, Miss.
Fowler, Dorothy Lee	1419 Henry Clay
Kinchen, Edna Lucile,	Ponchatoula, La.

## SPECIAL STUDENTS

Bonner, Lois Frances,	E.	Lineville, Ala.
Rostick, Helen Margaret,	E.	Amite, La.
Breazeale, Katherine Henry,	C.	Natchitoches, La.
Campbell, Mary Ruth,	M.	Silver City, Miss.
Crenshaw, Catherine,	E.	Courtland, Ala.
Cullom, Ruth	E.	Birmingham, Ala.
DeBlanc, Louise Marie,	E.	713 Henry Clay
Fisher, Agatha Lahmen,	A.	Lafitte, P. O., La.
Hitchcock, Sarah Elizabeth,	C.	Afton, Okla.
Lyons, Elizabeth,	E.	3304 St. Charles
McArdle, Golda Mary,	M.	3117 State
Moses, Marie Theard,	C.	1929 Esplanade
Owen, Laura Elizabeth,	E.	6039 Coliseum
Pelton, Lois Katherine	E.	349 Audubon
Provosty, Jeanne LeDoux,	E.	New Roads, La.
Rhodes, Ruth Gertrude,	C.	Burtville, La.
Richards, Ava Carrie,	M.	1616 Washington
St. Clair, Edith Page,	C.	Saltville, Va.

Stevens, Genevieve Davis,	C.	2602 Calhoun
Suddoth, Eutaleah	M.	4430 Howard
Wilson, Bess Irene,	C.	MaKeesport, Penn.

## ART CRAFTSMEN

Bailey, Henrietta Davidson,	3315 DeSoto
Burke, Alma Mason,	1021 Nashville
Delavigne, Marie,	2309 Columbus
Favrot, Carmen Freret	18 Richmond Place
Holt, Sally Shepherd,	1434 Pleasant
Irvine, Sadie Agnes Estelle,	1218 Valmont
King, Nina Ansley,	1749 Coliseum
Levy, Miriam Flora,	Franklin, La.
Littlejohn, Cynthia Pugh,	1221 Leontine
Maúras, Juanita Marie,	4319 S. Johnson
Simpson, Anna Frances,	1424 Amelia
Smith, Mary Summey,	7711 Jeannette

## FACULTY OF GRADUATE STUDIES

Abrams, Ray, B. A. ( <i>Tulane Univ.</i> )	807 <i>Broadway</i>
Psychology	
Abrams, Selma, B. A. ( <i>Tulane Univ.</i> )	807 <i>Broadway</i>
Mathematics, Psychology	
Ashman, Richard, Litt. B. ( <i>Rutgers College</i> )	<i>Ocean Springs, Miss.</i>
Physiology	
Bird, Eugenie, B. A. ( <i>Tulane Univ.</i> )	2929 <i>Chippewa</i>
Latin, Greek	
Byrne, Mary Gertrude, M. A. ( <i>Tulane Univ.</i> )	1432 <i>Eighth</i>
Psychology	
Forno, Dora Magdalene, B. A. ( <i>Tulane Univ.</i> )	7924 <i>Jeannette</i>
Mathematics, Psychology	
Harry, Woodfin Grady, A. B. ( <i>Univ. of N. C.</i> )	7807 <i>Jeannette</i>
Philosophy, Psychology	
Horton, Joseph Julian, B. A., M. D. ( <i>Univ. of Texas</i> )	
Grand Prairie, Texas	
Physiology, Anatomy, Psychology	
Land, John Samuel, B. A. ( <i>Presby. Col. of S. C.</i> )	
B. D. ( <i>Columbia Theol. Sem.</i> )	5517 <i>Prytania</i>
Philosophy, English	
Lund, Mary Isabel, B. A. ( <i>Tulane Univ.</i> )	1415 <i>Harmony</i>
Latin	
Nelson, Hally Prentis, A. B. ( <i>Univ. of Missouri</i> )	
A. M. ( <i>Columbia Univ.</i> )	727 <i>Exposition Blvd.</i>
Psychology	
Raymond, Mary, B. A. ( <i>Tulane Univ.</i> )	1324 <i>Nashville</i>
Experimental Medicine, Protozoology	
Richardson, Josephine Moore, B. A. ( <i>Tulane Univ.</i> )	3123 <i>Coliseum</i>
Psychology, Philosophy	
Schneider, Carl, B. E. ( <i>Tulane Univ.</i> )	<i>Washington, D. C.</i>
Power Plant Design, Alternating Currents	
Shallenberger, Garvin Dennis, B. S. ( <i>Okla. A. &amp; M. College</i> )	
B. S. ( <i>Tulane Univ.</i> )	2220 <i>Upperline</i>
Physics, Chemistry, Mathematics	
Sumner, Mary Clayton, B. A. ( <i>Tulane Univ.</i> )	1020 <i>Audubon</i>
Psychology	
Vidrine, Arthur, B. A. ( <i>Louisiana State Univ.</i> )	<i>Ville Platte, La.</i>
Physiological Research	

## COLLEGE OF LAW

### THREE YEAR COURSE

#### FIRST YEAR

Blouin, Joseph Clarence,	1809 Carrollton Ave.
Bourdette, Joseph Louis, Jr.,	740 Peters Ave.
Bruchis, Abraham,	228 S. Rampart
Cohen, Benjamin,	1706 Jackson Ave.
Dabezies, Oliver Hippolyte,	915 Dauphine
Ford, Chester Joseph,	512 Walnut
Gaudet, Denis Paul,	LaFourche Crossing, La.
Gladney, Edward Lee,	2000 Palmer Ave.
Grace, Edwin Huyé,	7602 Hampson
Hagaman, Frederick Purnell,	Jackson, La.
Johnson, William Nash,	Homer, La.
Kemper, (Miss) Delaware,	Franklin, La.
Kline, Robert Stephen,	Mangham, La.
Lathrop, William Martin,	928 Broadway
LeClercq, (Miss) Edith,	Dallas, Tex.
Lemle, Louis George,	3413 St. Charles Ave.
Levitan, Leon,	1200 Dryades
Lowy, Lloyd Max,	1621 Valence
Martin, Henry Howell,	Lake Charles, La.
McClendon, William Hutchinson, Jr.	1537 Calhoun
McLaughlin, James Frank,	7301 Hampson
Palermo, (Miss) Joanna Magdalen,	2223 Thalia
Porteous, William Alexander, Jr.,	3222 Prytania
Provosty, Albin Alexander,	New Roads, La.
Provosty, LeDoux Roger,	New Roads, La.
Scharff, Adolph Kaufman,	New Iberia, La.
Scharff, Lester Daniel,	New Iberia, La.
Simpson, Arthur Browne,	Arcadia, La.
A. B., Tulane University, 1918.	
Toler, John Lemuel,	Biloxi, Miss.
A. B., Tulane University, 1916.	
Tycer, Nathan Bankston,	Loranger, La.
Wahlder, Isaac,	Alexandria, La.
Wooster, (Miss) Margaret,	Centreville, La.

#### SECOND YEAR

Carroll, Walter,	1219 First
A. B., Tulane University, 1918.	
Dale, (Miss) Lois,	Texarkana, Ark.



Fuller, Harry,	Bernice, La.
Hava, Henry Chavigny,	1434 Constance
Irwin, Michael Matthews,	729 Second
Joachim, Emile Edward,	8506 Apricot
Kraemer, John Christian, Jr.,	2522 Barracks
LeBeuf, Nelvil Louis,	2011 Calhoun
Lecompte, Morris Paul,	Houma, La.,
Marx, Edwin Feibleman,	Monroe, La.
A. B., Tulane University, 1918.	
O'Reilly, Chester Stephen,	2610 Royal
Schmidt, John Diether, Jr.,	1023 Leontine
Stafford, David Grove,	Alexandria, La.
A. B., Louisiana State University, 1918.	
Stewart, Daniel Webster, Jr.,	Minden, La.
A. B., Tulane University, 1918.	
Watkins, Joseph Louis,	Houma, La.
Wulff, Fred August, Jr.,	237 S. Genois

## THIRD YEAR

(The work of the third year is omitted in the session of 1918-1919.)

## SPECIAL STUDENTS

Douglas, (Mrs.) Judith Hyams,	7825 Elm
-------------------------------	----------

## UNCLASSIFIED STUDENTS

Burns, James Thompson,	Covington, La.
------------------------	----------------

## SCHOOL OF MEDICINE

- \* Died during session.
- | Partial-course students.
- ‡ Special students.

### STUDENTS OF FOURTH YEAR AND ABOVE

(INCLUDING GRADUATE STUDENTS).

#### CLASS OF 1919

*Awtrey, Phillip McKinley	Alabama
Baker, Claude Moseley	Louisiana
Beals, John Alfred	Louisiana
Bean, Dorf (Pharm. Chem.)	Texas
Bethea, Stanford Ernest (B. Sc.)	Mississippi
Billings, Gilbert M. (A. B., B. Sc.)	District of Columbia
Blackmar, Ray Wellborn (B. Sc.)	Georgia
Blue, Alexander McNeill (M. D.)	North Carolina
Bowden, (Mrs.) Margaret Pauline Harrison	Louisiana
Brady, Milo James	Louisiana
Brooksher, William Riley, Jr. (A. B.)	Arkansas
Bussey, James Everett	Texas
Castellanos (y Cardoso) Jorge Conrado	Cuba
Cefalu, Victor, Jr.	Louisiana
Clark, John Benjamin (M. D.)	Oklahoma
Clay, Berney Sumner (D. V. M.)	Alabama
Cobbs, Beverly Woodfin (A. B.)	Alabama
Crawford, Willie Sterling	Arkansas
Crowell, Tolbert Clinton	Louisiana
Davis, Russell Byron	Mississippi
Deignan, Joseph Paul	Georgia
Dillman, James Arl	Arkansas
Douglas, Robert Gibbs (B. Sc.)	Louisiana
Dupuy, Jules Emile, Jr.	Louisiana
Ehlinger, Rancier Burt (B. Sc.)	Louisiana
Faris, Henry Bertraus (A. B.)	Louisiana
Ford, (Miss) Nell Elizabeth (A. M.)	California
Funderburk, Joe M. (B. I.)	Louisiana
Good, Brooks David (B. Sc.)	Mississippi
Hale, Richard Alexander	Texas
Halfacre, Romeo Rupert	Mississippi

Hobbs, Arthur Alexander, Jr. (A. B.)	Missouri
Holladay, Walter Robert (A. B., B. Sc.)	Mississippi
Holland, Sterling Price (M. D.)	Georgia
Holloway, Paul Dickson (B. Sc.)	Mississippi
Johnson, Brantley Mettauier (A. B.)	Georgia
Kirkpatrick, Charles Henry, Jr.	Florida
Kitts, Henry Lofton	Tennessee
Knolle, Wilkes Adams (B. Sc.)	Louisiana
Kramer, Richard Shaffer	Louisiana
Lowe, James Osborne (B. Sc.)	Mississippi
Lyons, Shirley Carlton	Louisiana
McGuire, John Jett	Florida
McLaurin, Hugh Love	Texas
McLeod, Hugh Carroll (B. Sc.)	Mississippi
McMillan, Edwin Guy (B. Sc.)	North Carolina
Maier, (Miss) Aldea (A. M.)	Louisiana
Manhoff, Benjamin	Texas
Martin, John David (M. D.)	Texas
Martin, John Richard	Texas
Matthews, Edgar Stanley (M. D.)	Louisiana
Millender, Charles White (A. B.)	North Carolina
Mogabgab, Anees	Louisiana
Murry, Harry Eldridge	Arkansas
Neely, Paul Talmage	Texas
Parish, John Kimball, Jr.	Wisconsin
Parker, James Searcy	Alabama
Perdue, Colvin C. (A. B.)	Alabama
Perkins, Philip Samuel	Louisiana
Polanco (y González) José	Porto Rico
Pritchett, Harry Wooding	Virginia
Rennie, Thomas Ludford (A. B.)	Alabama
Richard, Florence Stephen	Louisiana
Shultz, Will Goffrey (B. Sc.)	Oklahoma
Silva, Euripides, Jr.	Porto Rico
Smith, Benjamin Franklin (A. B.)	Missouri
Spilman, Edwin B.	Texas
Taylor, Archie (B. Sc.)	Mississippi
Thomas, Albert Richard	Louisiana
Thompson, Otis Richard (B. Phil.)	Georgia
Wallace, Robert Boyd (B. Sc.)	Alabama
Watson, Thomas Mervelle (B. Sc., Med.)	N. Carolina

West, Arthur William	Louisiana
White, Earl Thomas	Mississippi
Wilkerson, William Washington	Alabama
Wilson, John Calvin	Arkansas
Wolff, Irving Joseph (A. B.)	Louisiana
Woodward, James Ira (M. D.)	Mississippi
Woolsey, Bertram Frederick (B. Sc.)	Oklahoma

## THIRD YEAR STUDENTS, CLASS OF 1920

Adam, Alfred Louis	Louisiana
Adams, Fred (B. Sc.)	Tennessee
Albritton, Evrett Cyril (A. B.)	Louisiana
Allen, William Oscar	Louisiana
Armstrong, Eugene Lawson	Louisiana
Axelrod, Alexander	Texas
Battalora, George Clarence	Louisiana
Bennett, Terry Lee	Louisiana
Birchett, John Alexander Klein, Jr.	Mississippi
Blackmar, Francis Burton	Georgia
Blincoe, Homer Raymond (A. B., M. Sc.)	Kansas
Boulet, Irwin James	Louisiana
Bowlin, Robert Leslie	Mississippi
Brown, Charles Lafayette	Texas
Bruner, Joseph Clyde (A. B.)	Louisiana
Brunot, Felix Reville	Pennsylvania
Burkhead, Jesse DeWitt	Alabama
Carter, John Hardin	Florida
Christóffer, Oscar Theodore	Texas
Colomb, Brooks Amedée	Louisiana
Davidson, Julius Meyer	Mississippi
Delahoussaye, Roy Edward (B. Sc.)	Louisiana
Fears, Thaddeus Alvin	Texas
Field, Richard Jennings	Mississippi
Field, Sam Eugene	Mississippi
Folse, Henry Arthur (A. B.)	Louisiana
French, Harry Joseph	Louisiana
Frère, John Marsh	Louisiana
Gallo, Frank	Louisiana
Gardiner, Walter Peters	Louisiana
Garrett, Ephraim Spencer, Jr.	Alabama
Gilder, Wayne (A. B.)	Alabama
Gladney, John Davidson	Louisiana

Gooch, Lewis Melvin	Texas
Granata, Sam Vincent	Louisiana
Granberry, Carl Ellis (B. Sc.)	Mississippi
Gravlee, Ike Marion	Mississippi
Harris, Homer Perseius	Alabama
Hawthorne, Julian	Louisiana
Heath, Guy Wilkerson	Alabama
Hobson, Sam, Jr.	Mississippi
Hoffman, James Mortimer (A. B.)	Louisiana
Huggins, Isaac Clifton	Mississippi
Humber, John Davis (B. Sc.)	North Carolina
Jaeggli, Sam	Texas
Jaubert, Francis Leon	Louisiana
Johnson, Clifford Uriah	Louisiana
Jones, Curtis Whittemore	Arkansas
Jones, Philip Harold, Jr., (A. B.)	Louisiana
Jung, Theodore August, Jr., (A. B.)	Louisiana
Kerlin, Douglas Ledbetter	Louisiana
Kittrell, John Moore	Mississippi
LeJeune, Francis Ernest (B. Sc.)	Louisiana
Linfield, Edwin Harper	Mississippi
Long, Louis Bernard (A. B.)	Florida
Love, Thomas Stafford	District of Columbia
McAdoo, Hosea Webster	Arkansas
Marsalis, Don S.	Louisiana
May, William Ross	Mississippi
Miller, Martin Owen	Louisiana
Moore, John Morgan	Texas
Morgan, Albert Reynauld (A. B.)	Louisiana
Moseley, Sam Olliphant (A. B.)	Cuba
Moss, Olin Winn	Louisiana
Ogden, Hilaire D., Jr.	Louisiana
Rateau, Jules Brunet (Gr. Pharm.)	Texas
Rigby, Owen Compton	Mississippi
Rozier, Lauchlin McKinnon (A. B.)	Alabama
Savoy, Frank	Louisiana
Scott, Richard Croker	Louisiana
Sparks, Thomas Plewman, Jr.	Mississippi
Stafford, Hollis Ancil	Louisiana
Stiles, James Hooper	Texas
Taylor, James Leslie, Jr.	Alabama

Thorpe, Eugene Davis (A. B.)	Florida
Tisdale, Alfred Dent (B Sc.)	Mississippi
Unsworth, Herbert Randolph	Louisiana
Wagner, William Alfred	Louisiana
Whiteside, Maurice Scarbrough	Alabama
Whitfield, Bryan Watkins (B. Sc.)	Alabama
Wichser, Clarence John (B. Sc.)	Louisiana
Wilson, Frank Cunningham	Alabama
Woodruff, Gerald Guinness (A. B.)	Alabama
Woodward, Sam Bee (B. Sc.)	Mississippi
Wright, Roy William	Louisiana
Zander, Edwin Lionel Joseph	Louisiana

## SECOND-YEAR STUDENTS, CLASS OF 1921

Anderson, Thomas Jefferson (A. B.)	Alabama
Barfield, (Miss) Melson (B. Sc.)	Alabama
Bienvenu, Lionel Joseph, Jr., (B. Sc.)	Louisiana
Brewster, Walter Rogers (A. B.)	Louisiana
Calhoun, Samuel Leslie	Louisiana
Campbell, Earl Roy (A. B.)	Alabama
Carter, James Johnston (B. Sc.)	Mississippi
Cassity, Jack Holland	Texas
Cleveland, Claude Mastin	Alabama
Coleman, Denzil	Florida
Cox, Charles Lynwood	Mississippi
Cox, Henry Tyus	Texas
Cruthirds, Archie Edward (A. B.)	Louisiana
Crutsinger, Paul	Texas
Dees, (Miss) Marie Byrd (A. B., B. Sc.)	Mississippi
Dismuke, (Miss) Lily Lyle (A. B.)	Georgia
Dodd, Robert Lapsley	Mississippi
Drouin, (Miss) Ethel Marie	Louisiana
Duffy, Morris James	Louisiana
Elder, Samuel Fletcher (A. B.)	Louisiana
Ernst, Harold Oliver	Louisiana
Estévez, Rafael	Arizona
Gilmer, Peachy Robert	Louisiana
Grayson, William Bandy	Arkansas
Grossman, Louis Meyer	Louisiana
Harris, Earl (Pharm. Chem.)	Texas
Harvey, Altus Buren (B. Sc.)	Mississippi
Hawkins, Josiah Edwin	Louisiana

Setzler, George Byron	Arkansas
Shipman, James Shelby (A. B.)	Mississippi
Stillman, William King	Georgia
Toler, Edward Blackburn	Missouri
Townsend, Ernest Witt (A. B.)	Arkansas
Warner, Clyde Moore	Texas
Whitaker, James Ezekiel (B. L.)	Alabama
Wooten, Greenwood Sylvester	Texas

## STUDENTS TAKING SPECIAL COURSES

Blake, (Miss) Georgie Ruffin	Alabama
Dunn, (Miss) Leonore May	Mississippi
Eldredge, Hartwell Alison (M. D.)	Louisiana
Ewin, (Miss) Lucy Hendon	Mississippi
Glass, (Mrs.) Willie Elmore	Alabama
Key, (Miss) Nellie Hines	Arkansas
Meadows, (Miss) Alice Serena	Georgia
Moncrief, (Miss) Birtie	Tennessee
Moore, Charles Walton Cary (M. D.)	Alabama
Poirrier, (Mrs.) Florence Naomi Murphy	Louisiana
Robinson, Rameal Dudley (M. D.)	Ohio

## STUDENTS OF SECOND PRE-MEDICAL YEAR, CLASS OF 1923

Baron, Joseph	Louisiana
Battalora, Harold Joseph	Louisiana
Baylis, George Benjamin, Jr.	Mississippi
Bierhorst, Henry Rehm	Louisiana
Biles, (Miss) Sethelle Phedre (A. B.)	Mississippi
Campagna, Maurice	Louisiana
Carter, Clarence Strouse	Louisiana
Cerda, Salvador, Jr.	Costa Rica
Cocchiara, Peter	Louisiana
Davison, Emile Arthur	Louisiana
Dixon, William McMaster	Louisiana
Donaldson, Pierre Armand	Louisiana
Dyar, James Peryns	Louisiana
Evans, John Rufus (Pharm. G.)	Georgia
Fitzgerald, Willard Lee	Alabama
Girard, Percy Merritt	Louisiana
Hazen, Olen B	Florida
Henderson, Roy Earl	Texas
Henderson, William Kirby	Mississippi

Johnson, Paul Earnal	Arkansas
Kennedy, Robert Louis	Georgia
Landry, Odey Francis	Louisiana
Lorio, Cecil Oliver (B. Sc.)	Louisiana
Lothrop, Guy Irving	Louisiana
Menville, Paul Louis	Louisiana
Montelepre, Philip	Louisiana
Muñiz-Rodriguez, Antonio	Porto Rico
Randazzo, Matthew Joseph	Louisiana
Rosenthal, Irwin William	Louisiana
Salazar (y Baldioceda) Mariano	Costa Rica
Scott, (Miss) Irma Emma	Louisiana
Shuffield, Joseph Franklin	Arkansas
Siess, Guy Edward	Louisiana
Souchon, Edmond II	Louisiana

## STUDENTS OF FIRST PRE-MEDICAL YEAR, CLASS OF 1924

Brumfield, Robert Hugh	Mississippi
Burton, Breck Musgrove	Alabama
Cohen, Hymen Leon	Mississippi
‡Cullinane, (Miss) Catherine Anna	Louisiana
Dannenbauer, (Miss) Marie	Texas
d'Aquin, John Joseph, Jr.	Louisiana
DeRouen, Walter Clarence, Jr.	Louisiana
Duarte y Otero, Joaquin (B. Sc.)	Louisiana
Feldner, George Deidrich	Louisiana
Gaulon, Aristide Charles	Louisiana
Grunewald, Hudson Charles	Louisiana
Guenther, John Charles	Texas
Hyman, Earl	Louisiana
Karnofsky, Hyman	Louisiana
Katz, Harold	Mississippi
LeDoux, Morris Sterling	Louisiana
McGee, Harry Hand, Jr.	Georgia
Ogletree, Henry Woods	Texas
Quinn, George Patrick	Louisiana
Rike, Heber C.	Tennessee
Robertson, (Miss) May Clare	Mississippi
Rosen, Warren Leucht	Louisiana
Sebastian, Newton Loomis	Louisiana
Smith, James Lennard	Georgia
Tunstall, Wheeler MacCurdy	Alabama
Urrutia, Aureliano, Jr.	Texas
Urrutia, Carlos	Texas
Wight, Bennett Allen	Oklahoma



## GRADUATE SCHOOL OF MEDICINE

---

Alder, George Byron	Coalmont, Tenn.
Alexander, Keeton	McMahan, Tex.
Allen, Kotz	Summit, Miss.
Anderson, James L.	Brady, Tex.
Arrington, John	Blevins, Ark.
Bailey, Eugene McKay	Acworth, Ga.
Baker, Walter Joseph	Boyce, La.
Barrett, Frank O.	El Paso, Tex.
Baucum, James D.	Rayville, La.
Beach, William Walter	Shamrock, Tex.
Beckett, James B.	Spiro, Okla.
Benton, James Washington	Peniel, Tex.
Bercaw, John Edgar	Okmulgee, Okla.
Bergman, Harry	Livingston, Tex.
Beverly, Henry H.	Taylor, Tex.
Blankenship, Walter W.	Valley Mills, Tex.
Blind, Charles Albert	Waxahachie, Tex.
Blount, William Thomas	Tupelo, Okla.
Blue, Alexander McNeill	Carthage, N. C.
Bogle, Joseph Hoge	Gadsden, Ala.
Bollinger, Wallace H.	Charleston, Ark.
Booth, George Randolph	LeFlore, Okla.
Bounds, George W.	Meridian, Miss.
Box, Thomas T.	Columbus, Miss.
Boyce, William Alexander	Los Angeles, Cal.
Brandon, Ben Bernard	Edgewood, Tex.
Branyon, Arthur Curtis	Fayette, Ala.
Brookes, Robert C.	Waelder, Tex.
Brown, Charles W.	Campbell, Mo.
Brown, Frank Allison	Stockton, Mo.
Brown, Joseph R.	Martin, Ga.
Browning, Robert LeRoy	Halleyville, Okla.
Burges, Ellis Gray	Seguin, Tex.
Burns, William Arthur	Birmingham, Ala.
Button, Edwin C.	Great Bend, Kan.
Butts, Thompson R.	Annona, Tex.
Calhoun, Zaccheus T.	Macomb, Okla.
Callen, Luther Hayes	Huntsville, Ark.
Canon, Menon B.	Jacksonville, Tex.
Canon, Robert T.	Lufkin, Tex.
Carpenter, George A.	Fargo, N. Dak.
Carr, Isaac P.	Clarksville, Miss.
Carrington, D. C.	Marquez, Tex.
Center, William Bruce	Garland, Ark.
Chambers, William H.	Dierks, Ark.
Chandler, Bethel B.	Athens, Ga.
Clark, Adolphus F.	Ft. Worth, Tex.
Cleveland, Crawford H.	Anniston, Ala.

Coble, Thomas R.	Devine, Tex.
Coley, Stephen W.	Houston, Miss.
Collins, Leonard P.	Winamac, Ind.
Conn, Webb	Griffin, Ga.
Cook, Elra W.	Sour Lake, Tex.
Cooper, Thomas S.	Cooter, Mo.
Coopwood, Thomas B.	Lockhart, Tex.
Copeland, Samuel James	Indianapolis, Ind.
Corley, Sam	Clarksville, Tex.
Cotter, William Arnice	Ozark, Ala.
Coulter, Hiram Thomas	Rockdale, Tex.
Cox, Emillious A.	Teague, Tex.
Cox, W. Winfield	Lyman, Miss.
Cowman, John P.	Comanche, Okla.
Crump, James F.	Pine Bluff, Ark.
Culbertson, James	Maud, Okla.
Daniel, James C.	Statem, Ga.
Davis, John Edgar	Columbus, Miss.
DeChene, Anna B.	Reno, Nevada
deNux, Sylvain	Marksville, La.
Dillard, Rush E.	Crockett, Tex.
Dochterman, Lloyd Byron	Williston, N. Dak.
Duckworth, Frank M.	Siloam Springs, Ark.
Duncan, Robert A.	Graham, Tex.
Eckel, George Mitchell	Foreman, Ark.
Eckhardt, Herman C.	Yorktown, Tex.
Edwards, Alonzo M.	Marion, Ill.
Edwards, Charles H.	Terre Haute, Ind.
Egbert, Orville E.	Beeville, Tex.
Ellis, Edwin B.	Purdon, Tex.
Emmons, Frank H.	Aux Vasse, Mo.
Etheridge, William M.	Atlanta, Ga.
Evans, William Harmon	Lynchburg, Va.
Ezell, James J.	Lafayette, Ky.
Faust, William D.	Ada, Okla.
Flaniken, Barton D.	Vernon, Tex.
Fleming, Thomas Milton	Mt. Pleasant, Tex.
Florence, James B.	Leesburg, Tex.
Fossum, Otto B.	Cambria, Calif.
Francis, William D.	Lampasas, Tex.
Freeman, Benjamin H.	McKinney, Tex.
Frechet, Eugene A.	Dallas, Tex.
Freeman, William	Denison, Tex.
French, James Thomas	Huttig, Ark.
Friedsam, Samuel A.	Waco, Tex.
Fry, Harry T.	Wills Point, Tex.
Fuller, Frank A.	Jacksonville, Tex.
Fuqua, Elmer F.	Benkelman, Nebraska
Gaudet, Lucien S.	St. James, La.
Gay, James S.	Ashland, Ala.
Germany, John Warren	Ennis, Tex.

Gilmore, Willis Dowd	Mooreville, N. C.
Givhan, Edgar Gilmore	Montevallo, Ala.
Godfrey, Rush C.	Lancaster, Wis.
Goff, Tib N.	Kenova, W. Va.
Gough, Edgar F.	Waxahachie, Tex.
Graham, Robert L.	Cotulla, Tex.
Green, William A.	Wausau, Wis.
Greenwood, William W.	Navasota, Tex.
Guajardo, Eusebio	Monterrey, Mex.
Gustine, Norman W.	Hawthorne, Tex.
Guynes, Edward A.	Knoxville, Tenn.
Hardman, William E.	Annona, Tex.
Harrell, William B.	Thomaston, Ala.
Harris, Eugene Augustus	Navasota, Tex.
Hawkins, Benjamin H.	Mena, Ark.
Hayes, Jesse Thaxton	Oliver Springs, Tenn.
Hazen, Abraham L.	Newkirk, Okla.
Henderson, Cicero F.	Pittsburg, Tex.
Herndon, Jesse H.	Shreveport, La.
Hicks, Fred B.	Wetumka, Okla.
Hill, Charles C.	Grapeland, Tex.
Hinson, Tolbert B.	Enid, Okla.
Holt, Jacob S.	Greenville, Tenn.
Howard, Isaac M.	Burkett, Tex.
Howell, Walter J.	Pittsburg, Tex.
Huckabay, Lester H.	Coushatta, La.
Ivy, Wallis S.	Marlow, Okla.
Jackson, Eugene	Elmo, Tex.
Jacquot, Gaston L.	Ivanhoe, Minn.
Jarvis, Thomas Edgar	Newton, Miss.
Jenkins, Edwin Lloyd	Soddy, Tenn.
Jenkins, Harry	Eunice, La.
Jeter, Thomas M.	Ft. Worth, Tex.
Johnson, Frank	Eldorado, Ill.
Johnson, John Arthur	McLeansboro, Ill.
Jones, Aaron George	Olney, Okla.
Jones, Elmer A. D.	Los Angeles, Cal.
Kelleam, Edwin A.	Garvin, Okla.
Keyes, Robert	Okemah, Okla.
King, Henry Eugene	Greenville, Tex.
Knabb, Henry Folsom	Springfield, Mo.
Knox, Andrew Christy	Kansas City, Mo.
Lain, Ernest Herbert	Kopperl, Tex.
Lamb, Jones Houston	Paragould, Ark.
Lavender, Claud B.	Reform, Ala.
Leadsworth, John R.	Los Angeles, Cal.
Lightner, Oscar N.	Benton, Kan.
Lightsey, John Newton	Cotulla, Tex.
Lockhart, John J.	Wells, Tex.
Luttrell, John M.	Mineral Wells, Tex.
Lytal, Samuel W.	Quinlan, Tex.

- Mack, Mary Lattimer  
 Magruder, Levin Walles  
 Martin, Francis M.  
 Martin, John D.  
 Martinez, Enrique  
 Mathews, William J.  
 Mathis, Edgar G.  
 Matthews, Martin Luther  
 Matthews, Millard F.  
 Mays, Robert Edward  
 Medearis, Robt. Summerfield  
 Melton, John Wesley  
 Middlebrooks, James D.  
 Mitchell, Coleman P.  
 Midford, Gunnlaugur F.  
 Mixsom, William Daniel  
 Moore, Chas. W. C.  
 Morgan, William M.  
 Morris, John Walter  
 Moseley, Daniel C.  
 Murphey, Edwin Roy  
 Murphy, Henry A.  
 Myers, S. Scott  
 McCall, Joseph W.  
 McDonald, William H.  
 McDowell, Joseph E.  
 McMullan, Hilliard  
 McRae, Finley J.  
 Neighbors, Allan H.  
 Nelson, John Percy  
 Netollicky, Wesley Jerome  
 Newburn, Columbus L.  
 Nichols, Charles B.  
 Oftedal, Arne  
 Overton, Jesse  
 Owens, Arthur H.  
 Page, Joseph H.  
 Pankey, Joseph H.  
 Pearce, Lee P.  
 Peckham, Harold P.  
 Person, Addison G.  
 Phares, James Kirk  
 Phipps, James Henry  
 Pollock, Aaron S.  
 Pool, Winston Carr  
 Powell, Nettle Bainbridge  
 Powell, William H.  
 Prather, Robert M.  
 Pratt, Chas. M.  
 Price, Don  
 Price, Samuel O.  
 Joplin, Mo.  
 Woodville, Miss.  
 Shellman, Ga.  
 Call, Tex.  
 Monterrey, Mex.  
 Elberton, Ga.  
 Austin, Tex.  
 Sanford, N. C.  
 Athens, Ga.  
 Millhaven, Ga.  
 N. Little Rock, Ark.  
 Benton, Ark.  
 Powder Springs, Ga.  
 Oklahoma City, Okla.  
 Douglas, Alaska  
 Midland City, Ala.  
 Talladega, Ala.  
 Lockhart, Tex.  
 Somerville, Tenn.  
 Faunsdale, Ala.  
 Clear Creek, Utah  
 Eldorado, Ark.  
 Greeley, Colo.  
 Huntingdon, Tenn.  
 Clarksville, Tex.  
 Shamrock, Tex.  
 Mize, Miss.  
 Albion, Nebraska  
 Seguin, Tex.  
 Coalton, Okla.  
 Cedar Rapids, Iowa  
 Jacksonville, Tex.  
 Mokane, Mo.  
 Fargo, N. Dak.  
 Troup, Tex.  
 Ashland, Ala.  
 New Orleans, La.  
 Hodge, La.  
 Collierville, Tenn.  
 Waterford, N. Y.  
 Uvalde, Tex.  
 Negreet, La.  
 Roe, Ark.  
 Port Arthur, Tex.  
 Issaquena, Miss.  
 Marion, Ind.  
 Sulphur, Okla.  
 Beeville, Tex.  
 Pauls Valley, Okla.  
 Wilmer, Tex.  
 Burgess, Miss.

Quigley, Byron Thomas  
 Ramsel, Paul A.  
 Ratliff, Rufus W.  
 Rawlinson, William P.  
 Reed, Theodore B.  
 Rhodes, Thomas A.  
 Richards, Albert M.  
 Richardson, Arthur J.  
 Richardson, Elbert L.  
 Risher, Christopher C.  
 Robinson, Sherwood S.  
 Rogers, John Wright  
 Ruble, Wilbur Gleason  
 Rucker, Wilford Erwin  
 Safley, Thomas J.  
 Salter, Jesie M.  
 Scaff, Claude D.  
 Scott, Samuel M.  
 Sears, M. Maywood  
 Selmon, Arthur C.  
 Selmon, Bertha L.  
 Shackelford, Laban C.  
 Sheld-Ritchie, Iner  
 Sheppard, James M.  
 Simmons, John Douglas  
 Simmons, Olney Dozier  
 Simpson, Henry Thomas  
 Simpson, Nathaniel N.  
 Slocumb, Clyde B.  
 Smith, Austin L.  
 Smith, Henry Damon  
 Smith, Edward  
 Smith, Oscar L.  
 Smith, Singleton Starr  
 Spears, Chas. W.  
 Sporman, Mack Price  
 Stafford, Patrick W.  
 Stockton, Frederick E.  
 Stoel, Harry M.  
 Strickland, Henry M.  
 Strother, Jesse O.  
 Strother, Sterling P.  
 Southerland, William S.  
 Summerlin, James Allison  
 Tait, Porter K.  
 Terry, John S.  
 Terry, Philip R.  
 Terry, William H.  
 Thomasson, Edward B.  
 Thrasher, Benjamin O.  
 Thresh, J. N.

Mound City, Mo.  
 Shiner, Tex.  
 Jonesboro, Ark.  
 Huntington, Tex.  
 Mineola, Tex.  
 Cherokee, Okla.  
 Andalusia, Ala.  
 Jasper, Tex.  
 Louisville, Miss.  
 Meridian, Miss.  
 El Campo, Tex.  
 Sevierville, Tenn.  
 Morristown, Tenn.  
 McKinney, Tex.  
 Drew, Miss.  
 Sulphur, Okla.  
 Clarksville, Tex.  
 Oakdale, La.  
 Kalamazoo, Mich.  
 Shanghai, China  
 Shanghai, China  
 Foreman, Ark.  
 Riverside, Cal.  
 Eldorado, Ark.  
 Gunnison, Miss.  
 Columbia, Miss.  
 Smithville, Ga.  
 Henryetta, Okla.  
 Doerun, Ga.  
 Empire, Ga.  
 Malvern, Ala.  
 Waco, Tex.  
 Atlanta, Tex.  
 Athens, Ga.  
 Crandall, Tex.  
 Headland, Ala.  
 Grapeland, Tex.  
 Birmingham, Ala.  
 Duluth, Minn.  
 Live Oak, Fla.  
 Madisonville, Ky.  
 Holdenville, Okla.  
 Sulphur Springs, Tex.  
 Hartsfield, Ga.  
 Birmingham, Ala.  
 Ennis, Tex.  
 Asheville, N. C.  
 Grand Saline, Tex.  
 Velma, Okla.  
 Gainesville, Tex.  
 Danvers, Ill.

Townes, Isaac Johnson  
Townsen, Joseph B.  
Van Zant, William E.  
Vaughen, Ray  
Vincent, Richard W.  
Wadel, Kristian A.  
Wages, Allen Deering  
Waldrop, William  
Walker, Isaac C.  
Waller, Joseph J.  
Waltrip, Powhatan M.  
Warren, Robert Emmett  
Watters, Earnest Richard  
Weller, Cyrus Burford  
Wharton, James O.  
White, Herbert H.  
Whitman, Clayborn R.  
Wilcox, Franklin T.  
Williams, D. B.  
Williams, Montgomery  
Williams, Robert D.  
Williamson, Sam Hill  
Willis, Robert A.  
Wilkinson, Levi Jennings  
Womack, Walter E.  
Wright, Edward F.  
Wright, James B.  
Yancey, Edwin R.  
Yarbrough, Robert E.  
York, D. A.  
Youngblood, Richard Coke

Madisonville, Ky.  
Lampasas, Tex.  
Mandeville, La.  
West Union, Ohio  
Sulphur, La.  
Portland, N. D.  
Cleburne, Tex.  
Bessemer, Ala.  
Marion, Ill.  
Oliver Springs, Tenn.  
Ft. Worth, Tex.  
Appleton, Tenn.  
Belcher, La.  
Austin, Tex.  
Duncan, Okla.  
Enterprise, Ala.  
Tuscumbia, Ala.  
Laporte, Ind.  
Portales, New Mexico  
Livingston, Tex.  
Idabel, Okla.  
Duncan, Okla.  
Greenwood, Fla.  
Iowa City, Iowa  
Red Water, Tex.  
Greenville, Tex.  
Farmersville, Tex.  
Jonesville, La.  
Harrisburg, Ark.  
Del Rio, Tex.  
Falls City, Tex.

## SCHOOL OF DENTISTRY

---

### FRESHMEN CLASS

Barkemeyer, Senac William	Louisiana
Brown, Edward Joseph	Louisiana
Cailleteau, Otis Eugene	Louisiana
Duarte (y Otero), Joaquin	Mexico
Fontane, (Miss) Mabel	Louisiana
Garcia, Entiquio	Texas
Gore, Samuel Davis	Louisiana
Granata, Joseph John	Louisiana
Isaacson, Irwin	Louisiana
Johnston, James Frank, Jr.	Texas
LaFleur, Albert Marshall, Jr.	Louisiana
Maloney, Paul Herbert, Jr.	Louisiana
Nakamura, Napoleon Shizuka	Hawaii
Ratcliff, Walter Hyce	Louisiana
Robinson, Davis Ashton	Texas
Steib, Roland Carl	Louisiana

### SOPHOMORE CLASS

Aaron, Arthur Brown	Michigan
Drayton, John	Mexico
Fairbanks, Russell Usher	Louisiana
Folse, William Leonard	Louisiana
Gentling, Harold Arthur	Minnesota
Gill, Walter James	Louisiana
LeBourgeois, Arthur LeClaire	Louisiana
McKinney, Joseph Hubbard	Texas
McKinney, Louis Elliott	Texas
Patton, Benjamin Cornelius	Tennessee

### SENIOR CLASS

Aiken, Alfred Lewis	Connecticut
Bailey, Clyde R.	Texas
Barnes, Julius Hassan	Louisiana
Bartlett, Anthony Jackson	Louisiana
Beauchamp, Telle Aswell	Louisiana
Blount, Joseph William	Alabama
Brownfield, Ralph Albertos	Arkansas
Bullard, John Lovic	Texas
Casasola, Juan Raphael	Costa Rica

Colee, Otto Leonard	Minnesota
Day, Eric Willard	Louisiana
Dubuisson, George Watts	Louisiana
Dunn, Edwin	Arkansas
Fillastre, Alvin Joseph	Louisiana
Foster, John Adolphus	Louisiana
Framhein, Frederick George	Minnesota
Hart, Francis Lennen	Louisiana
Henry, Paul Downer	New Mexico
Hernandez, Carlos	Cuba
Hinton, Samuel Forrest	Mississippi
Joly, (Mrs.) Alma Maynard	Louisiana
Knittel, Paul, Jr.	Texas
Kuebler, John Doucette	Texas
Lima, Joseph Maria, Jr.	Guatemala
Marquez, Felipe	Guatemala
Meetze, Earle Durant	Georgia
Meredith, Asa Ansley	Louisiana
Pearce, Milton Bruce	Mississippi
Poindexter, John Brooks	Tennessee
Poirier, Roger	France
Roberts, Jewell Clarence	Arkansas
Rye, Glen Lee	Texas
Torn, Daniel Burke	New York
Wadlin, John Albert	Colorado



**SCHOOL OF PHARMACY****STUDENTS OF SECOND YEAR AND ABOVE, CLASS OF 1919**

Breaux, Numa Pierre	Louisiana
Castillo, (y Ruiz.) Rodulfo	Louisiana
Dreyfus, Henry Leon	Louisiana
Mayer, Donald K.	Louisiana
Pérez, (Peña) Fernando	Cuba
Rodriguez, (Rey) (Miss) Consuelo	Louisiana
Santisteban-Villegas, Francisco Demetrio	Cuba

**FIRST-YEAR STUDENTS, CLASS OF 1920**

Breazeale, John Bridges	Mississippi
Burnett, (Miss) Lela	Mississippi
Cutitto, (Miss) Catherine Marie	Louisiana
Danneker, John Martin	Louisiana
Dupuy, Lee Irwin	Arkansas
Garrett, Thomas Whitby	Alabama
Gately, Leonard Edwards	Louisiana
Jackson, Leslie Sneed	Louisiana
Lafont, Carl Marcel	Louisiana
Lambrecht, (Miss) Theresa	Mississippi
Nail, William	Arkansas

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Allison, Sinclair Edward,	Pan-American Life Insurance Co.
Anderson, (Miss) Alice,	Whitney-Central National Bank
Arny, (Mrs.) Lucile Holley,	New Orleans States
Aubert, O. L., A. B.,	Liberty Oil Co., Ltd.
Aucoin, Henry Albert,	U. S. Fidelity & Guaranty Co.
Avrard, Jules Edward,	Hibernia Bank & Trust Co.
Baccaret, Eli,	Pan-American Life Insurance Co.
Backer, Albert F.,	W. A. Gordon & Co., Ltd.
Backes, Harrie Wilson,	Pan-American Life Insurance Co.
Ballew, Benjamin Franklin,	American Securities Corporation, Inc.
Banchet, (Miss) Emma Rita,	Interstate Trust & Banking Co.
Barbin, Jules A.,	402 Macheca Bldg.
Barker, (Miss) Ethel,	836 State
Bartels, William Henry,	American Brewing Co.
Basile, Raymond,	Metropolitan Life Insurance Co.
Baudean, Joseph Albert,	Hibernia Bank & Trust Co.
Becker, Ernest Oscar, A. B., M. A.,	1683 N. Claiborne
Begg, (Miss) Helen M.,	Whitney-Central National Bank
Behre, Theodore S.,	Pelican Ice Co., Ltd.
Bell, (Miss) Alma,	Krauss Bros. Lumber Co.
Bell, (Mrs.) Nora Maclean,	1637 Palmer
Bell, Robert C.,	Metropolitan Life Insurance Co.
Benefield, Oscar J.,	Life Insurance Company of Virginia
Beninato, Salvador,	Life Insurance Company of Virginia
Berckes, Herbert Christian,	Southern Pine Association
Bergen, Frank Joseph,	National Life & Accident Insurance Co.
Bernard, Gerard Henry, A. B.,	Interstate Trust & Banking Co.
Bernard, (Miss) Marie Amelie,	Interstate Trust & Banking Co.
Bernstein, Max,	Metropolitan Life Insurance Co.
Bernstein, Solomon,	Life Insurance Company of Virginia
Bezou, Edward Martin,	Travelers Insurance Co.
Billeaud, Allen Wilfred,	Broussard, La.
Billeaud, Roy Joseph,	Broussard, La.
Billeiter, Charles Rusman,	Shreveport, La.
Bishop, Arthur Cowen,	Krauss Bros. Lumber Co.
Black, Jules Durel,	Black, Rogers & Co., Ltd.
Blaise, Edward,	Life Insurance Company of Virginia

Blankenship, (Mrs.) Miriam L.,	Pan-American Life Insurance Co.
Boh, George William,	Mieg-Brady Co., Ltd.
Bonck, Charles,	Life Insurance Company of Virginia
Bordenare, Paul G., B. S.,	Metropolitan Life Insurance Co.
Bornwasser, Charles D.,	4538 S. Johnson
Bosarge, Robert Julius,	St. Bernard Cypress Co., Ltd.
Boudreaux, (Miss) Florence L.,	Interstate Trust & Banking Co.
Boudreaux, (Miss) Ophelia K.,	Interstate Trust & Banking Co.
Boulger, James Daniel,	Krauss Bros. Lumber Co.
Bowen, (Miss) Maud,	Pelican Cracker Factory
Boyle, Ben,	National Life & Accident Insurance Co.
Boyle, (Miss) Minnie,	Metropolitan Bank
Braddock, (Mrs.) J. Ray,	208 Masonic Temple
Brandt, John H. W., Jr.,	830 Canal
Branson, (Miss) Thelma Edwina,	Hibernia Bank & Trust Co.
Braud, Linden Francis,	Peter F. Pescud
Brener, Israel,	Life Insurance Company of Virginia
Bresel, George,	Life Insurance Company of Virginia
Brown, William Henry,	Equitable Life Assurance Society
Buja, (Mrs.) Annie Gormley,	Commercial Trust & Savings Bank
Burger, Edward A.,	Life Insurance Company of Virginia
Burka, Israel Ernest,	Dan W. Feitel Bag Co.
Burka, Morris Edwin,	Dan W. Feitel Bag Co.
Burke, William Edward,	National Life & Accident Insurance Co.
Butler, Ford,	Metropolitan Life Insurance Co.
Buwe, Edward Joseph,	Pan-American Life Insurance Co.
Byrne, Stephen Stanislaus,	Whitney & Sloo Co., Ltd.
Byrnes, (Miss) Amy Eleanor,	Vizard Improvement Co.
Cahn, Moise Schwartz,	Imperial Shoe Store
Caldwell, Robert J.,	Life Insurance Company of Virginia
Calhoun, Benjamin Christian,	Poitevent & Favre Lumber Co.
Carroll, (Miss) Marie Antoinette,	Interstate Trust & Banking Co.
Caston, (Miss) Lida Mary,	Bradford Furniture Store
Causse, Robert Marion, B. S.,	Metropolitan Life Insurance Co.
Cayard, Edgar Emile,	Commercial Trust & Savings Bank
Cayard, Frederick A.,	Hibernia Bank & Trust Co.
Cayard, (Miss) Thelma L.,	Commercial Trust & Savings Bank
Celestin, (Mrs.) May Louise,	435 Carondelet
Champagne, Godfrey Louis,	Electrical Supply House
Chastant, J.,	Metropolitan Life Insurance Co.

Chesley, (Miss) Blanche C.,	Cumberland Telephone & Telegraph Co.
Christian, Charles G.,	New England Mutual Life Insurance Co.
Clapp, (Miss) Marie Julia,	Hibernia Bank & Trust Co.
Clark, (Miss) Jennie,	810 Louisa
Cohen, Harold Frank,	Louisiana State Rice Milling Co.
Colbert, Andrew,	Life Insurance Company of Virginia
Colcock, William Ferguson,	Travelers Insurance Co.
Colley, D. D.,	Life Insurance Company of Virginia
Collins, (Miss) Joanna C.,	Reily-Taylor Co.
Corey, C. D.,	Pan-American Life Insurance Co.
Corry, Charles Edwin,	Pan-American Life Insurance Co.
Corry, Joseph D.,	1407 Bordeaux
Couvillon, A. B.,	8323 Sycamore
Craft, William Benjamin,	Dunbar Molasses & Syrup Co.
Craig, Robert E., 2nd., C. E.,	1138 Third
Crebbin, John Thomson, M. D.,	1207 Maison Blanche Building
Crespo, Eduardo,	H. T. Cottam & Co., Inc.
Crigler, Martyn W.,	1025 Peniston
Crooker, Lewis W.,	Sinclair Agency, Inc.
Crowley, J.,	Metropolitan Life Insurance Co.
Crumhorn, (Miss) Norma Rosana,	A. M. Lockett & Co., Ltd.
Crump, Robert Green,	Equitable Life Assurance Society
Cummings, (Miss) Emily,	Pelican Ice Co., Ltd.
Cummins, (Miss) Marguerite P.,	S. J. Duhn Shipping Co., Inc.
Cumpsten, (Miss) Mary Elizabeth,	David M. Davis & Co.
Cunningham, (Mrs.) Helen J.,	Spencer Business College
Curran, P. J.,	Union Central Life Insurance Co.
Curry, John Edward,	Pan-American Life Insurance Co.
Cusimano, Russell,	Life Insurance Company of Virginia
Cuvillier, E. T.,	Wm. Gray Abernethy
Dantzler, Lorenzo Nolley, Jr., B. A., B. B. A.,	Biloxi, Miss.
Davies, Frank,	Frank Davies
Deeves, (Miss) Bessie T.,	New Orleans National Bank Building
del Valle, (Miss) Sofia,	Hibernia Bank & Trust Co.
Denny, Jacob,	Gaudin Underwriters Agency
Dickinson, Davis Reid,	Commercial Trust & Savings Bank
Diliberto, Peter J.,	Life Insurance Company of Virginia
Dillon, William Peter,	The Manhattan Rubber Mfg. Co.
Dixon, (Miss) Myrtis Lillian,	Krauss Bros. Lumber Co.
Dodd, Walter L.,	212 Municipal Building

Dodson, Orion B.,	U. S. Engineer Office
Dossat, Rodolph Hypolyte,	Ames Farm Land
Dunn, (Miss) Kathryn B.,	Whitney-Central National Bank
Dunn, Lester Treadway,	Interstate Trust & Banking Co.
Dutruch, (Miss) Armanda E.,	Hibernia Bank & Trust Co.
Dyett, H. M.,	Pan-American Life Insurance Co.
Ecuyer, Leon August,	Cumberland Telephone & Telegraph Co.
Edgar, (Miss) Aurora Dory,	John Dymond, Jr.
Edgar, (Miss) Margaret Etta,	The Flintkote Co.
Edwards, Sherwood E.,	Life Insurance Company of Virginia
Elliott, Lorenzo B., LL. B.,	Hibernia Bank & Trust Co.
Erwin, (Mrs.) Emila Constance,	Hibernia Bank & Trust Co.
Evans, George Boyd,	National Life & Accident Insurance Co.
Faust, Harold George,	Woodward Wight & Co.
Feibleman, Edward William,	1406 General Taylor
Fernandez, Antonio,	H. T. Cottam & Co., Inc.
Fiasconaro, Frank S.,	Life Insurance Company of Virginia
Finley, (Miss) Clare Anne,	Public Belt Railroad Commission
Fischer, J. N. G.,	Penn Mutual Life Insurance Co.
Fischer, W. H.,	Dunbar Molasses & Syrup Co.
Fisk, Charles Edwin,	Life Insurance Company of Virginia
Foley, Albert S.,	The American Sugar Refining Co.
Forcheimer, (Mrs.) N.,	The Times-Picayune
Foster, Horace Frank,	Equitable Life Assurance Society
Frank, (Miss) Sevilla M.,	Hibernia Bank & Trust Co.
Frey, Charles V.,	New York Life Insurance Co.
Frey, Severin L.,	Southern Railway
Froun, J. Albert,	Suburban Building & Loan Association
Frymire, A. Prentis,	American Bank and Trust Co.
Gallagher, William J.,	U. S. Engineer Office
Gebelin, John Alvin,	Garyville, La.
Germann, (Miss) Mathilde J.,	Electrical Supply Co.
Gernsbacher, Bertram Richard,	Metropolitan Life Insurance Co.
Gessner, Leonard F.,	119 Audubon Boulevard
Gibson, A. C.,	National Life & Accident Insurance Co.
Gillmore, (Miss) Maud Sargent,	Denegre, Leovy & Chaffe
Gleason, F. W.,	Pan-American Life Insurance Co.
Godat, David Walker, C. E.,	2123 Cambronne
Godat Fulton Mitchel,	Reimann Mfg. Co., Ltd.
Goldman, Sam,	Goldman's Printing Office

Gonzales, Charles,	New York Life Insurance Co.
Goodspeed, Warren Samuel,	Wm. Gray Abernethy
Gordon, Charles A.,	Southern Hardware & Wood Stock Co., Ltd.
Graff, Max,	Metropolitan Life Insurance Co.
Graziano, Frank,	Metropolitan Life Insurance Co.
Green, James S.,	Pelican Cracker Factory
Green, Thomas,	1416 Valmont
Grelrier, (Miss) Dolores Elizabeth	Whitney-Central National Bank
Griswold, Randolph L., C. E.,	1424 Second
Grube, William,	Life Insurance Company of Virginia
Gschwind, Edward Robert, B. A., B. B. A.,	6071 Laurel
Gurdian, Gustave A.,	Interstate Trust & Banking Co.
Gustine, H. F.,	Metropolitan Life Insurance Co.
Guthans, John H.,	Whitney-Central National Bank
Guthrie, Hardee Weeks, D. D. S.,	1206 Maison Blanche Building
Hall, William T.,	Panama Rice Milling Co.
Halter, Charles S.,	Leonard Krower & Son
Hammett, Louis N., B. Arch.,	1479 Calhoun
Hammett, William Bernard,	1479 Calhoun
Hanna, Charles W.,	Cumberland Telephone & Telegraph Co.
Haney, Benjamin Jacob,	Consumers Biscuit Co.
Harris, R. S.,	Woodward, Wight Co., Ltd.
Hartel, Francis M.,	Interstate Trust & Banking Co.
Heno, Albert Edward,	J. E. Warner & Co.
Herring, Elisha Charles,	Cumberland Telephone & Telegraph Co.
Herrmann, John Adolph,	Peter F. Pescud
Hilbert, Albert J.,	Metropolitan Life Insurance Co.
Hildebrand, William C.,	Hibernia Bank & Trust Co.
Himel, Augustin J., Jr.,	American Securities Corporation, Inc.
Hirigoyen, John Raymond,	2621 St. Philip
Hoffman, (Miss) Olivia Maud,	Kohn Weil & Co.
Hogan, Charles W.,	Interstate Trust & Banking Co.
Hogue, S. E.,	National Life and Accident Insurance Co.
Holiday, Wilbur,	Life Insurance Company of Virginia.
Hopkins, (Miss) Lillian Ernestine,	Hibernia Bank & Trust Co.
Hoth, (Miss) Ethel Alvin,	Yochim Bros. Co., Ltd.
Howerton, Eugene J.,	Crescent City Carbonate Co.
Huidobro, Marcos G., A. B.,	1232 N. Dorgenois
Hunter, (Miss) Isabelle Allen,	Economical Drug Store
Hlanes, Pedro C.,	H. T. Cottam & Co., Inc.

Ingolia, Andrew,	Life Insurance Company of Virginia
Innecken, Henry L.,	J. H. Burton & Co., Inc.
Innecken, (Mrs.) Henry L.,	J. H. Burton & Co., Inc.
Jacob, (Miss) Irene T., B. A.,	Interstate Trust & Banking Co.
Jacob, (Miss) Othilde,	Whitney-Central National Bank
Janssen, Edwin J.,	Crescent City Machine & Mfg. Works.
Jansson, Oscar Frederick Joseph,	Sinclair Agency, Inc.
Johnson, (Miss) Carrie B.,	John Meyer
Johnson, George Huber,	Marine Bank & Trust Co.
Johnston, William Joseph,	Penn Mutual Life Insurance Co.
Johnstone, Samuel J. K.,	Life Insurance Company of Virginia
Jones, (Miss) Tharesa M.,	Whitney-Central National Bank
Julian, Henry J.,	Metropolitan Life Insurance Co.
Julienne, Paul S.,	New York Life Insurance Co.
Jurovich, John,	Metropolitan Life Insurance Co.
Kavanagh, (Miss) Kathleen,	908 St. Charles
Keeseee, Terry O'Brien,	Life and Casualty Insurance Co.
Kelly, George F.,	831 Pine
Kennedy, Jesse G.,	Krauss Bros. Lumber Co.
Kinler, (Miss) Myrtle G.,	Whitney-Central National Bank
Kissling, Edmund D.,	Southern Advertising Agency
Klein, Arnold Christian,	U. S. Engineer Office
Knobloch, Guy Joseph,	Jackson Brewing Co.
Kober, Fred C.,	Metropolitan Life Insurance Co.
Koenig, (Miss) Dora Carolyn,	Whitney-Central National Bank
Krause, Rudolph Edward,	Lake Charles, La.
Krauss, Marcel,	Krauss Bros. Lumber Co.
Krummel, George Jacob,	New Orleans Stock Exchange
Lacher, (Miss) Nellie Elizabeth,	Machinery Exchange
Landau, John F.,	Life Insurance Company of Virginia
Lagarde, Charles S.,	American Bank and Trust Co.
Lamers, (Miss) Alvina Theodora,	American Cotton Oil Co.
Lampton, L. J.,	Toye Bros. Auto & Taxi Co.
Lankston, John Orchard,	Republic Box Co., Inc.
Lanng, Edgar R.,	Hibernia Bank & Trust Co.
Latter, (Miss) Sophie,	Crescent City Ice Manufacturing Co.
Lawrence, (Miss) K. A.,	Commercial Trust and Savings Bank
Lawrie, (Miss) Lillian Mary,	Liberty Manufacturing Co., Inc.
Layton, Buxton L.,	George H. McFadden & Bros. Agency
Leake, (Mrs.) Wilhelmina,	A. M. Lockett & Co.

Leavean, (Miss) Anna Mary,	Hibernia Bank & Trust Co.
LeBeuf, (Miss) Mae Marguerite,	Hibernia Bank & Trust Co.
LeBlanc, (Miss) Mildred Marie,	Interstate Trust & Banking Co.
Leche, (Miss) I. R.,	Hibernia Bank & Trust Co.
Lehman, Edward Julian,	Life Insurance Co. of Virginia
Lehon, John Joseph,	Dan S. Lehon Detective Agency, Inc.
Leumas, Marcel J.,	Interstate Electric Co.
Levy, Frank LeGrange,	Equitable Life Assurance Society
Levy, Louis K.,	1631 State
Lewis, Motley,	A. M. Lockett & Co., Ltd.
Lipari, Peter Joseph,	Rickert's Rice Mills
Lob, Chester G.,	Kohn, Weil & Co.
Lob, Louis C.,	1650 Robert
Longtin, Francis N.,	1004 Maison Blanche Building
Lotz, (Miss) Anna B.,	John A. Hunt & Co.
Ludwig, Edward B.,	5249 Camp
Lyman, Guy,	A. M. Lockett & Co., Ltd.
Maitre, Jules J.,	Metropolitan Life Insurance Co.
Maldeis, (Mrs.) Fannie Naasson,	Mente & Co.
Mangiaracina, John, Jr.,	Interstate Trust & Banking Co.
Marks, Jacques P.,	1531 Arabella
Martello, J. A.,	Life Insurance Company of Virginia
Mather, Irvine Francis,	I. L. Lyons & Co.
McCay, Percy Luzenberg, B. A., B. B. A.,	1204 Race
McClure, (Mrs.) Mabel,	Pan-American Life Insurance Co.
McDonnell, Frank C.,	Chas. E. Cormier Rice Co., Ltd.
McGovern, Daniel Allen, Jr.,	New York Life Insurance Co.
McGrath, (Miss) Madge,	Isidore Newman & Son
McGrath, Philip A.,	W. W. Carre Co., Ltd.
McHugh, George Kyle,	Metropolitan Life Insurance Co.
McMullen, (Miss) Frances Anna,	Swift & Co.
Meighan, Harold Spence,	Woodward Wight Co., Ltd.
Mesman, Charles John,	Pan-American Life Insurance Co.
Messersmith, Claude Edward,	Metropolitan Life Insurance Co.
Metzger, D. Ross,	Metropolitan Life Insurance Co.
Meyer, Isaac Robert,	Metropolitan Life Insurance Co.
Miangolarra, M. R.,	Metropolitan Life Insurance Co.
Michaelis, (Miss) Hazel Mary,	Electrical Supply Co.
Michel, J. Walter,	Whitney-Central National Bank
Michels, Lawrence Charles,	Interstate Trust & Banking Co.
Millar, (Miss) Louise,	John P. Rausch Co., Inc.



Minderman, Herman,	Electrical Supply Co.
Mittelstaedt, Charles Henry,	Life Insurance Co. of Virginia
Moeller, (Miss) Helen H.,	Commercial Trust & Savings Bank
Moenck, Miguel A., B. Arch.,	Las Palacios, Cuba
Monasterio, Juan M.,	Canal Bank & Trust Co.
Monroe, James Hill,	1331 Philip
Mooney, (Miss) Elizabeth,	Louisiana Railway & Navigation Co.
Moore, (Miss) Alma B.,	American Bank & Trust Co.
Moore, (Mrs.) Mary Agnes,	Life Insurance Co. of Virginia
Morgenstern, Emile Louis,	Orleans Cotton Mills
Morse, James Johnston,	2812 State
Mossmeier, (Miss) Sophie,	Commercial Trust & Savings Bank
Murphy, George Leroy,	Travelers Insurance Co.
Newman, Edgar Kirk,	Trans-Mississippi Terminal Railroad Co.
Newman, Harold Weil, Jr.,	6007 St. Charles
Newton, (Mrs.) Freda Louise,	Electrical Supply Co.
Nichols, Richard F.,	Liverpool & London & Globe Insurance Co.
Nienaber, Henry Frederick,	Commercial Trust & Savings Bank
Nixon, J. R.,	Metropolitan Life Insurance Co.
Nolan, James Michael,	N. O. Naval Station
North, Charles Raymond,	Southern Pine Emergency Bureau
Norwood, (Miss) Elizabeth P.,	Hibernia Bank & Trust Co.
Notarbartolo, Frank Arthur,	Metropolitan Life Insurance Co.
Oberle, (Miss) Lucille,	Smith & Skinner
O'Kelley, J. P., Jr.,	The J. H. W. Steele Co.
Omohundra, (Miss) M. K.,	Maison Blanche Co.
Orgain, Frank,	Life Insurance Co. of Virginia
Oser, Edmund Joseph,	Parker-Blake Co., Ltd.
O'Shee, David Stafford,	Alexandria, La.
Ostendorf, Henry E.,	John P. Rausch Co., Inc.
Otto, (Miss) Roberta,	Hibernia Bank & Trust Co.
Pasquier, Joseph H.,	Marwick, Mitchell, Peat & Co.
Patterson, Redmond Lamar,	U. S. Shipbuilding Co.
Paul, (Miss) Alberta Camille,	American Coffee Co. of N. O., Ltd.
Paul, George A.,	National Life & Accident Insurance Co.
Payro, Jose A.,	H. T. Cottam & Co., Ltd.
Pearce, Henry M.,	National Life & Accident Insurance Co.
Pignet, Edmond Joseph,	Life Insurance Co. of Virginia
Pizolato, Louis J.,	Metropolitan Life Insurance Co.
Pohlman, F. W.,	Life Insurance Co. of Virginia
Polmer, S. Cahlman,	Schriever, La.

Pourciau, A. L.,	Union Central Life Insurance Co.
Prats, Maurice A.,	Black, Rogers & Co., Ltd.
Prieur, Philip H., A. B., A. M.,	Metropolitan Life Insurance Co.
Pritchard, (Miss) Florence,	Interstate Trust & Banking Co.
Probst, Charles Clifford,	The Central Elevator & Warehouse Co.
Quinette, James Horace,	1333 Lowerline
Rafter, John James,	Cumberland Telephone & Telegraph Co.
Ransmeier, John Christian, Ph. B., A. M., Ph. D.,	1404 Audubon
Rau, John Eblen, C. E.,	5701 Pitt
Rausch, (Miss) Margaret,	Mass. Mutual Life Insurance Co.
Raymond, William Laidlaw, C. E.,	Miles Planting & Mfg. Co.
Rebenack, (Miss) Helen Amelia,	Interstate Trust & Banking Co.
Regan, T. Vincent,	Whitney-Central National Bank
Renhard, (Miss) Mary,	Maison Blanche Co.
Renshaw, William Malcolm,	741 Esplanade
Rice, (Miss) Mary Hilda,	Interstate Trust & Banking Co.
Robbert, Albert A.,	C. T. Patterson Co., Ltd.
Robert, (Miss) Emeline Marie,	The Times-Picayune
Robinson, (Miss) Allena,	Interstate Trust & Banking Co.
Rosenbaum, Frederick Leopold,	S. Pfeifer & Co.
Rosentreter, (Miss) Mabel,	Louisiana Railway & Navigation Co.
Rugg, (Miss) Martha,	A. M. Lockett & Co., Ltd.
Rummel, (Miss) Louise H.,	Commercial Trust & Savings Bank
Ryan, P. H.,	National Life & Accident Insurance Co.
Sanjines, W. E.,	H. T. Cottam & Co., Ltd.
Sarrazin, (Miss) Louise Angelique,	The Times-Picayune
Scheffler, Frederick William,	Marine Bank & Trust Co.
Schexnaydre, (Miss) Pepilia Louise,	Hibernia Bank & Trust Co.
Schmidt, Arthur,	L. Frank & Co.
Schmidt, Heinrich Friedrich,	Electrical Supply Co.
Schneider, George Edmond,	Langhoff Bros. Co.
Schnieder, Harry J.,	City Bank & Trust Co.
Scholz, Oscar P.,	5259 Magazine
Schubert, William Sebastian,	Metropolitan Life Insurance Co.
Schuler, Louis Michael,	Crescent City Carbonate Co.
Seawell, Benjamin W.,	Equitable Life Assurance Society
Seither, Henry John,	Life Insurance Co. of Virginia
Selser, R. C.,	Life Insurance Co. of Virginia
Seymour, Freeman P.,	Penn Mutual Life Insurance Co.
Sherman, Eduardo,	H. T. Cottam & Co., Ltd.
Shlenker, Simon, Jr.,	Monroe, La.

Simms, (Miss) M. A.,	Pan-American Life Insurance Co.
Sissung, Fred E.,	Metropolitan Life Insurance Co.
Smith, Prentice Lanier,	Minden, La.
Sparkman, Joseph Logan,	U. S. Railroad Administration
Spitzfaden, Raymond,	Interstate Trust & Banking Co.
Stith, (Miss) Virginia W.,	Whitney-Central National Bank
Stuart, (Miss) Honorine Anna,	1922 Dante
Stumpf, Samuel Sidney,	The Times-Picayune
Swartzkopf, Louis Leroy,	Jos. Levy & Bros. Co.
Taylor, (Miss) Margaret,	Esplanade Avenue High School
Tefft, Charles Henry,	Dunbar Molasses & Syrup Co.
Teijelo, (Miss) Loretta Helen,	The Louisiana Co.
Tenison, H. L.,	U. S. Internal Revenue Department
Thompson, (Miss) Viola E.,	Interstate Trust & Banking Co.
Trenchard, Louis B.,	Pan-American Life Insurance Co.
Trepagnier, Henry Louis,	Poitevent & Favre Lumber Co.
Treuter, Oscar,	Life Insurance Co. of Virginia
Turpia, Henry,	Metropolitan Life Insurance Co.
Valenzuela, Manuel,	H. T. Cottam & Co., Ltd.
Varela, Francisco,	Pan-American Life Insurance Co.
Viering, Henry Paul, LL. B.,	Gretna, La.
Vix, Henry E. R.,	Metropolitan Life Insurance Co.
Volker, Louis Edward,	Interstate Trust & Banking Co.
Von Salzen, (Miss) W. A.,	Commercial Trust & Savings Bank
Voorhies, Robert Davis, Jr.,	Lafayette, La.
Wakeman, Lewis F., B. A., B. B. A.,	2928 General Pershing
Wallace, Henry Williams,	Camden, Ala.
Walle, George F.,	National Life & Accident Insurance Co.
Walshe, (Miss) Margaret Renaud,	Sophie B. Wright High School
Walter, Edward Fay,	Winnsboro, La.
Ward, Charles Pierce,	Montgomery-Ward & Co.
Wardrobe, (Miss) Irma Louise,	Metropolitan Bank
Warskat, Hans,	U. S. Internal Revenue Department
Weil, Benjamin A.,	Metropolitan Life Insurance Co.
Wheelahan, Harold Menton,	Saenger Amusement Co.
Whitten, Frank S.,	Equitable Life Assurance Society
Wight, John Alfred,	Hugo, Okla.
Willard, Frederick Tilton,	The Bradstreet Co.
Williams, Wilson,	New England Mutual Life Insurance Co.
Woodward, James Edward,	Pan-American Life Insurance Co.
Youse, Alfred L.,	National Life & Accident Insurance Co.

## COURSES FOR TEACHERS (EXTENSION)

---

Abrams, Ray,	807 Broadway
Adams, Margaret Cynthia,	3424 St. Charles
Alexander, Miriam Caperton,	2328 Coliseum
Bayon, Madelin,	2212 Napoleon
Bonnecaze, Carlotta Marie,	1428 Kerlerec
Coleman, Ethel Margaret,	1721 Jena
Collet, Catharine Margaretha,	1436 Audubon
Cox, Helen Adele,	Gretna, La.
Davis, Leah,	319 Séguin
Dieck, Elfrieda,	910 Elmira
Dixon, Florence Ellen,	1219 N. Rampart
Dow, Marguerite,	1001 Broadway
Dutrey, Sylvia Cecilia,	1813 Magazine
Eberle, Pearl,	1623 Polymnia
Elliot, Leea,	1815 Ursuline
Ferran, Rose,	930 N. Broad
Fung y Figueroa, Atilio,	Barranca, Peru
Gahan, William Joseph,	124 N. Broad
Hallaron, Kathryn,	1111 Elysian Fields
Hans, Mrs. John O.,	1931 Calhoun
Hans, Nettie,	1931 Calhoun
Honold, Loretta Eloise,	922 Desire
Howell, Walter Lyell,	3211 Prytania
Huskamp, Ruth Carolyn,	3301 St. Claude
Janvier, Carmelite,	1523 Soniat
Jones, Gladys,	2227 Baronne
Jones, Mina Irena,	2227 Baronne
Kopeloff, Mrs. Lillian,	7447 Hampson
Labanca, Marie,	816 N. Salcedo
LeBreton, Mrs. Dagmar Renshaw,	741 Esplanade
Logan, Richard Bland,	1539 Philip
McCall, Harry,	1621 Second
McCall, Mrs. Lelia Kennard,	1621 Second
McCarthy, Florence,	2327 St. Philip
McGeehan, Grace Mary,	1129 Lowerline
McGehee, Louise Schaumburg,	5524 Garfield
Magendie, Estelle Louise,	731 Dublin,
Marcus, Mrs. Lillian Friend,	1807 Palmer

Martin, Reine Rebella,	1238 Pleasant
Moerbe, Paul Gerhardt,	1531 Conery
Moore, Mrs. Catherine Rainey,	3219 Coliseum
Moore, Edward C.,	3219 Coliseum
Murphy, Ellen L.,	1914 Amelia
Navarre, Beulah Mary,	2222 Camp
Pareti, Angeline,	619 Bourbon
Penick, Mrs. Harry O.,	624 Lowerline
Pollet, Felicie Marie,	1431 N. Prieur
Pugh, Mrs. Franklin,	1725 Palmer
Rayl, Adrienne,	2261 Marais
Raymond, Frances Sprigg,	1444 State
Roger, Rita,	2815 St. Claude
Schmidt, Aurelia,	1316 Harmony
Shallenberger, Garvin Dennis,	2222 Upperline
Skinner, Rose Marie,	2919 St. Claude
Spencer, Dorothy,	3222 Coliseum
Stauffer, Mrs. Helen Maury,	1015 S. Carrollton
Steen, Vera,	606 N. St. Patrick
Stringer, Louise Julia,	5314 Laurel
Thomas, Josephine Cecilia,	4512 Baudin
Walshe, Jennie Phoebe,	2739 Aubry
Westfeldt, Lulle,	1626 Second

## HOLDERS OF SCHOLARSHIPS, 1918-1919

### ENDOWED SCHOLARSHIPS

- The Cora A. Slocomb Scholarship**  
Dorothy Vories Lyle, *Newcomb* '22.
- The B. C. Wetmore Scholarship**  
Dorothy Alice Hay, *Newcomb* '20.
- The Tulane Scholarship**  
Sarah Davis, *Newcomb* '21.
- The Ida Roehl Hershheim Scholarship**  
Ruth Marguerite Bostick, *Newcomb* '19.
- The F. Walter Callender Scholarship**  
Georgejean Lund, *Newcomb* '19.
- The Louisiana Battle Abbey Scholarships**  
Eleanor Genevieve Wilson, *Newcomb* '20.  
Rudolph Adelbert Todd, *Tech.* '21.
- The Baker Scholarships**  
Leonora Bisland Duval, *Newcomb* '19.  
Ruth Auguste Martyn *Newcomb* '21.
- The J. C. Morris Scholarship**  
Gladys Louise Davenport, *Newcomb* '21.
- The Meta D. Huger Scholarship**  
Marguerite Eloise Luria, *Newcomb* '21.
- 
- The Alumni Association of Tulane University Scholarship**  
Ellen Graves Frankenbush, *Newcomb* '22.
- United Daughters of the Confederacy Scholarships**  
Maud Venables Arrington, *Newcomb* '19.  
Helene Oechmichen Friedrichs, *Newcomb* '19.
- Southern Association of College Women Scholarships**  
Katherine Stuart Ayres, *Newcomb* '19.  
Matilda Hall Stillwell, *Newcomb* '20.  
Gertrude Brainerd, *Newcomb* '22.  
Mary Virginia Doody, *Newcomb* '22.

### HONOR SCHOLARSHIPS

#### NEW ORLEANS, LA.

- Warren Easton Boys' High School**  
Coleman Leroy Barr, *Tech.* '19.  
David Walker Godat, *Tech.* '19.  
Miner Howard Vallas, *Tech.* '19.  
Samuel Kessler, Jr., *Tech.* '20.  
Edward Demarest Parkhouse, *Tech.* '21.  
Wickliffe Black Vennard, *Tech.* '21.  
Frederick John Hoffman, *Tech.* '22.  
Charles Lewis Rittenberg, *Tech.* '22.

**Sophie B. Wright High School**

Margherita Judicia Cotonio, *Newcomb* '19.  
 Dorothy Wilson Seago, *Newcomb* '20.  
 Nellie Flower Pierpont, *Newcomb* '21.  
 Mildred Gayler Christian, *Newcomb* '22.  
 Esther Anna Kuss, *Newcomb* '22.

**Esplanade Ave. High School**

Cora Isabel Shields, *Newcomb* '19.  
 Imogene Barrett, *Newcomb* '20.  
 Georgiana Reaney, *Newcomb* '21.  
 Cecilia Amy Wallbillich, *Newcomb* '22.

**Newcomb High School**

Charlotte Amy Dietze, *Newcomb* '19.  
 Esther Kent, *Newcomb* '20.  
 Ione Edwina Brady, *Newcomb* '21.  
 Everall Burdon Hardwick, *Newcomb* '22.

**Rugby Academy**

Randolph Livingston Griswold, *Tech.* '19.  
 Robert Lee Atkinson, Jr., *Tech.* '20.  
 James Hill Monroe, *A. & S.* '20.  
 Frank Pace Elizardi, *Tech.* '21.  
 John Lane McCollough, *Tech.* '21.  
 Andrew Koebel Schwartz, *Tech.* '22.

**Isidore Newman Manual Training High School**

Laura Buckner Kearny, *Newcomb* '20.  
 Justin Vollmer Wolff, *A. & S.* '20.  
 Clarence Anthony Cohen, *Tech.* '21.  
 Ethel May Gutmann, *Newcomb* '22.  
 Albert Wachenheim, Jr., *Tech.* '22.

**New Orleans Academy**

Junior Ludlow, *Tech.* '22.

**Ferrell's Military Institute**

William Parkerson, *Tech.* '20.  
 John Benjamin Richardson, *Tech.* '21.

**St. Aloysius College**

Harold George Legeai, *Tech.* '21.

**LOUISIANA****Bolton High School, Alexandria**

Kathleen Elizabeth Roberts, *Newcomb* '22.  
 Jessie Marco Weil, *Newcomb* '22.

**Amite High School**

Martina Hamilton Ellis, *Newcomb* '20.  
 Lloyd Addison Ellis, *A. & S.* '22.

**Morehouse High School, Bastrop**

Merrimac Naff, *Newcomb* '19.

**Bogalusa High School**

Thelma Gladys Voss, *Newcomb* '19.  
 Helmuth Carlyle Voss, *Tech.* '21.

**Boyce High School**Margaret Ker Texada, *Newcomb* '21.**Brusly High School**Nan Conner Randolph, *Newcomb* '20.**Cheneyville High School**Thomas James Wright, *A. & S.* '22.**Franklin High School**Daisy Belle Smith, *Newcomb* '20.Henry Harreld Dinkins, Jr., *Tech.* '22.**Gibland High School**James Keith Baker, *A. & S.* '21.**McDonogh-Jefferson High School, Gretna**Howard Tucker Bond, *A. & S.* '19.Dorothy Katherine Drumm, *Newcomb* '19.James Bruton Hackett, *Tech.* '20.Carroll Stiles Crawford, *Tech.* '21.**Gueydan High School**Mary Josephine Snoddy, *Newcomb* '21.**Terrebonne High School, Houma**Mabel Josephine Chauvin, *Newcomb* '22.Malvin Rita Boudreaux, *Newcomb* '22.**Southwestern Louisiana Industrial Institute, Lafayette**Mabel Josephine Chauvin, *Newcomb* '22.Margery Mayfield Kidd, *Newcomb* '22.**Lake Charles High School**Jean Myriel King, *Tech.* '20.Marion North, *Newcomb* '20.Rosa Lucille Hart, *Newcomb* '21.**Melville High School**Bert Elise Richard, *Newcomb* '20.**Monroe City High School**Louise Elizabeth Faulk, *Newcomb* '21.Simon Shlenker, Jr., *A. & S.* '22.**Ouachita Parish High School, Monroe**Suzanne Elaine deGraffenreid, *Newcomb* '22.**Napoleonville High School**Quincy Martineau Ewing, *A. & S.* '22.Henry Hubert Truxillo, *Tech.* '22.**New Iberia High School**Hermann Taul, *A. & S.* '22.**Opelousas High School**Nathan Lewis Haas, *Tech.* '22.**Patterson High School**Marguerite Amelie Roussel, *Newcomb* '19.**Romeville High School**Henry Octave Colomb, *A. & S.* '21.



**Shreveport High School**Isabel Wile, *Newcomb* '20.Francis Dreyfuss, *Newcomb* '22.**Thibodaux High School**Helen Mackenzie *Newcomb* '19.**Welsh High School**George Godfrey Morthland, *Tech.* '19.**ALABAMA****Barton Academy, Mobile**Gladys Sadie Brown, *Newcomb* '19.Myra Ettelson Cohen, *Newcomb* '21.**Wilcox County High School, Camden**Henry Williams Wallace, Jr., *A. & S.* '20.**GEORGIA****Columbus High School**Frances Daniel, *Newcomb* '21.**KENTUCKY****Vanderbilt Training School, Elkton**Tandy Quisenberry Foote, *A. & S.* '21.**MISSISSIPPI****Biloxi High School**Irma Louise deMilt, *Newcomb* '20.**St. Mary of the Pines, Chatawa**Eleanor Hunt Adamson, *Newcomb* '21.**McComb High School**Olive Erminie Ellsworth, *Newcomb* '20.**Natchez High School**Miriam Buck Watson, *Newcomb* '22.**Vicksburg High School**Horace Miller Marshall, *Newcomb* '21.**TENNESSEE****Memphis High School**Martha Manier Parks, *Newcomb* '19.

## GENERAL SUMMARY

### OFFICERS OF INSTRUCTION AND ADMINISTRATION

#### INSTRUCTION:—

President.....	1
President, <i>Emeritus</i> .....	1
Professors, <i>Emeritus</i> .....	7
Professors.....	99
Adjunct Professors.....	2
Clinical Professors.....	4
Associate Professors.....	9
Assistant Professors.....	38
Demonstrators.....	15
Assistant Demonstrators.....	11
Lecturers.....	18
Instructors.....	60
Assistant Instructors.....	4
Clinical Assistants.....	39
Assistants.....	8
Teaching Fellows.....	3
Physical Director.....	1
Supervisors of Art and Musical Practice.....	2
Student Assistants.....	29

ADMINISTRATION..... — 351  
38

### STUDENTS

#### COLLEGE OF ARTS AND SCIENCES:—

Senior Class.....	13
Junior Class.....	17
Sophomore Class.....	23
Freshman Class.....	39
Partial Students (Registered in other Departments).....	13
Special Students.....	4
Pre-Medical Students.....	62

— 171

**COLLEGE OF TECHNOLOGY :—**

Senior Class .....	22
Junior Class .....	20
Sophomore Class .....	36
Freshman Class .....	81
Partial Student .....	1
Special Students .....	6
	— 166

**H. SOPHIE NEWCOMB MEMORIAL COLLEGE :—**

Senior Class .....	68
Junior Class .....	75
Sophomore Class .....	73
Freshman Class .....	191
Special Students .....	21
Graduate Art .....	5
Art Craftsmen .....	12
	— 445

**GRADUATE DEPARTMENT..... 17****COLLEGE OF LAW:**

Third Year Students .....	—
Second Year Students .....	16
First Year Students .....	32
First Year Students (Four-Year Course) .....	—
Special Student .....	1
Unclassified .....	1
	— 50

**SCHOOL OF MEDICINE:**

Fourth Year Students .....	79
Third Year Students .....	86
Second Year Students .....	62
First Year Students .....	55
Special Students .....	11
Pre-Medical Students: Second Year .....	34
First Year .....	28
	— 355

**GRADUATE SCHOOL OF MEDICINE..... 283****SCHOOL OF DENTISTRY:**

Senior Class .....	34
Junior Class .....	—
Sophomore Class .....	10
Freshman Class .....	16
	— 60

# GENERAL SUMMARY

447

## SCHOOL OF PHARMACY:

Second Year Students.....	7	
First Year Students .....	11	
	<hr/>	18

## COLLEGE OF COMMERCE AND BUSINESS

ADMINISTRATION....		401
--------------------	--	-----

COURSES FOR TEACHERS.....		61
---------------------------	--	----

Total.....	2027	
------------	------	--

Less: Names counted twice.....	125	
--------------------------------	-----	--

Total.....	1902	
------------	------	--

## SUMMER SCHOOL, 1918:

Normal School .....	973	
---------------------	-----	--

Medical School.....	74	1047
---------------------	----	------

Grand Total.....	2949	
------------------	------	--

## DEGREES CONFERRED, 1919

---

### DOCTOR OF LAWS

Robert Sharp

---

### BACHELOR OF ARTS

Lorenzo Nolley Dantzler, Jr.  
Edward Robert Gschwind  
Louis George Lemle  
Percy Luzenberg McCay

Nemours Henry Nunez, Jr.  
William Parkerson  
Lewis Farrington Wakeman

---

Maude Venables Arrington  
Katherine Stuart Ayres  
Catherine Durham Bailey  
Ida Lise Black  
Ruth Marguerite Bostick  
Fannie Cohn  
Margherita Judicia Cotonio  
Mildred Curran  
Charlotte Amy Dietze  
Caroline Helen Dreyfous  
Berenice Dreyfus  
Dorothy Katharine Drumm  
Elizabeth Victoria Fischer  
Olyve Bryant Gill  
Sallie Belle Hartfield  
Adaline Jerrie Katz  
Lillian Louise Kessler  
Anna Frotscher Koch

Georgejean Lund  
Katherine Louise McFetridge  
Anna McLellan  
Ruth Charlotte Meyer  
Mina Esther Newburger  
Marion Helen Odenheimer  
Lucile O'Kelley  
Evelyn Pigott  
Annie Lucile Richardson  
Caryetta Saunders  
Mary Mallard Seago  
Cora Isabelle Shields  
Caroline Louise Slack  
Ivy Elliott Waldo  
Juanita Angele Wallis  
Mildred Weeks  
Louise Fontaine Withers  
Ann Elizabeth Zigler

---

### BACHELOR OF ARTS IN EDUCATION

Leonora Bisland Duval  
Helene Oehmichen Friedrichs  
Ruth Drew Fulham  
Agnes Marsh Guthrie  
Naomi Beatrice Hardee  
Sallie Belle Hartfield  
Helen Mackenzie  
Calista Airey Morgan

Merrimac Naff  
Julia Anna O'Shee  
Martha Manier Parks  
Alice Sterling Parkerson  
Ruth Harvey Reboul  
Marguerite Amelie Roussel  
Sareste Lucie Wallace  
Kate Lucinda Wilson

---

Helen Adele Cox  
Pearl Eberle

Josephine Cecilia Thomas  
Viola Mary Walker

---

### BACHELOR OF SCIENCE

Anthony Jackson Bartlett  
Howard Tucker Bond  
Charles Lafayette Brown

Charles Maurice Lescale  
Edwin Badgley Spilman  
Thomas David Stewart

## BACHELOR OF MUSIC

Gladys Sadie Brown  
 Golda Mary McArdle  
 Margaret Inglis McLeod

Alma Catherine Schuler  
 Frances Sexton

## BACHELOR OF DESIGN

Marie Ascher  
 Eunice Baccich  
 Emma Claire Bancroft  
 Eunice Lea Bate  
 Margaret Hayne Beattie  
 Hilda Blank  
 Ruth Ernestine Bultmann  
 Fannie Hampton Craig  
 Dorothea Lee Fowler  
 Helene Oechmichen Friedrichs  
 Dorothea Marceline Hagen  
 Harrison Palmer Hester  
 Rosamond Agnes Hill

Margaret Josephine Huck  
 Edna Lucille Kinchen  
 Emily Langham  
 Dagmar Renshaw LeBreton  
 Evangeline Magruder  
 Edith Albina Mahier  
 Gladys Gertrude Ritchie  
 Emma Bates Robbins  
 Mary Mercer Warriner  
 Gisella Rochelle Weiss  
 Helen Coyle Wharton  
 Caroline Spelman Wogan

## BACHELOR OF ENGINEERING

(IN MECHANICAL AND ELECTRICAL COURSE)

Enrique Alvarado  
 Coleman Leroy Barr  
 Edwin Agustine Bynum, Jr.  
 Lewis Joseph Faucheux  
 Randall Frank Legeai

Joseph Daniel Martin  
 Miner Howard Vallas  
 George Campbell Walshe  
 Edgar Whitehead, Jr.

(IN CIVIL ENGINEERING COURSE)

Robert Emmet Craig, 2nd  
 David Walker Godat

Randolph Livingston Griswold  
 John Eblen Rau

(IN CHEMICAL ENGINEERING COURSE)

Clotaire Lecomte Adam  
 Clifford Freret Favrot  
 Herbert Anthony Peter Frey

Edward Conniff Lanphier  
 George Godfrey Morthland  
 Alexander Stephen Sonntag

## BACHELOR OF ARCHITECTURE

Louis Nicholas Hammett

Miguel Angel Moenck

## BACHELOR OF BUSINESS ADMINISTRATION

Lorenzo Nolley Dantzler, Jr.  
 Edward Robert Gschwind

Percy Luzenberg McCay  
 Lewis Farrington Wakeman

## MASTER OF SCIENCE

Garvin Dennis Shallenberger

## DOCTOR OF MEDICINE

Phillip McKinley Awtrey	Richard Shaffer Kramer
Claude Mosley Baker	James Osborne Lowe
John Alfred Beals	Shirley Carlton Lyons
Dorf Bean	John Jett McGuire
Stanford Ernest Bethea	Hugh Love McLaurin
Gilbert M. Billings	Hugh Carroll McLeod
Ray Wellborn Blackmar	Edwin Guy McMillan
Margaret Pauline Harrison	Aldea Maher (Miss)
Bowden (Mrs.)	Benjamin Manhoff
Milo James Brady	John Richard Martin
William Riley Brooksher, Jr.	Charles White Millender
James Everett Bussey	Anees Mogabgab
Jorge Conrado Castellanos (y Cardoso)	Harry Eldridge Murry
Victor Cefalu	Paul Talmage Neely
Berney Sumner Clay	John Kimball Parish, Jr.
Beverly Woodfin Cobbs	James Searey Parker
Willie Sterling Crawford	Colvin C. Perdue
Tolbert Clinton Crowell	Philip Samuel Perkins
Russell Byron Davis	Jose Polanco (y Gonzalez)
Joseph Paul Deignan	Harry Wooding Pritchett
James Arl Dillman	Thomas Ludford Rennie
Robert Gibbs Douglas	Florence Stephen Richard
Jules Emile Dupuy	William Goffrey Shultz
Rancier Burt Ehlinger	Euripides Silva, Jr.
Henry Beatrous Faris	Benjamin Franklin Smith
Nell Elizabeth Ford (Miss)	Edwin B. Spilman
Joe M. Funderburk	Archie Taylor
Brooks David Good	Albert Richard Thomas
Richard Alexander Hale	Otis Richard Thompson
Romeo Rupert Halfacre	Robert Boyd Wallace
Arthur Alexander Hobbs, Jr.	Thomas Mervelle Watson
Walter Robert Holladay	Arthur William West
Paul Dickson Holloway	Earl Thomas White
Brantley Mettauer Johnson	William Washington Wilkerson
Charles Harry Kirkpatrick	John Calvin Wilson
Henry Lofton Kitts	Irving Joseph Wolff
Wilkes Adams Knolle	Bertram Frederick Woolsey

## GRADUATE IN PHARMACY

Numa Pierre Breaux  
 Rudolfo del Castillo (y Ruiz)  
 Henry Leon Dreyfus  
 Donald K. Mayer

Fernando Pérez (y Peña)  
 Consuelo Rodriguez Rey (Miss)  
 Francisco Demetrio Santisteban  
 (y Villegas)

## DOCTOR OF PUBLIC HEALTH

Jacob Casson Geiger

## DOCTOR OF DENTAL SURGERY

Alfred Lewis Aiken  
 Clyde Bailey  
 Julius Hassan Barnes  
 Anthony Jackson Bartlett  
 Telle Aswell Beauchamp  
 Joseph William Blount  
 Ralph Albertos Brownfield  
 John Lovic Bullard  
 Otto Leonard Colee  
 Eric Willard Day  
 George Watts Dubuisson  
 Edwin Dunn  
 Alvin Joseph Fillastre  
 John Adolphus Foster  
 Frederick George Framhein  
 Francis Lennen Hart  
 Paul Downer Henry  
 Carlos Hernandez

Samuel Forrest Hinton  
 Alma Maynard Joly (Mrs.)  
 Paul Knittel, Jr.  
 John Doucette Kuebler  
 Jose Maria Lima  
 Earle Durand Meetze  
 Asa Ansley Meredith  
 Herbert Henry Meyer  
 Milton Bruce Pearce  
 John Brooks Poindexter.  
 Roger Poirier  
 Abelardo Rodriguez Rey  
 Fernando Rodriguez Rey  
 Jewell Clarence Roberts  
 Glen Lee Rye  
 Daniel Burke Torn  
 John Albert Wadlin  
 George Alfred Warner

## MEDALS AND PRIZES, 1919

The Virginia Gleaves Lazarus Medal, to Adaline Jerrie Katz.  
 The Mary L. S. Neill Medal, to Dorothea Marceline Hagen.  
 The Class of 1903 Shakespeare Prize, to Tess Barbara Mayer.  
 The Fannie Estelle Holley Memorial Prize, to Sallie Gillespie.  
 The Class of 1909 Prize, to Ida Lise Black.  
 The Jennie C. Nixon Prize, to Margaret Neilson McConnell.  
 The Chi Omega Social Service Prize, to Jeanne Gueydan.  
 The Arcade Translation Prize, to Adaline Jerrie Katz.  
 The Home Study Prize, Dorothea Marceline Hagen.  
 The Class of 1914 Prize, to Louis Elizabeth Andrews.



# INDEX

- Academic-Law Course, 99, 308.  
 Academic-Medical Course, 99, 334.  
 Administrators. Board of, 8.  
     Committees of, 8.  
 Admission—Requirements for, 45.  
     to Arts and Sciences, 45, 47, 90.  
     to Technology, 45, 47, 122.  
     to Newcomb College, 45, 47.  
     to Graduate Department, 282.  
     to College of Law, 49, 307.  
     to School of Medicine, 48, 333.  
     to Grad. School of Medicine, 282.  
     to School of Dentistry, 48, 358.  
     to School of Pharmacy, 49, 366.  
     to College of Commerce and Business Administration, 49, 377.  
 Affiliated Schools, List of, 60.  
 Algebra, entrance, 51.  
 Alumni Associations, 86.  
 Alumni Fellowship, 17, 64.  
 Alumni Scholarships, 66, 69.  
 Anatomy, 289.  
     entrance, 60.  
**ARCHITECTURE, SCHOOL OF, 174.**  
 Architectural Scholarships, 67.  
 Architecture, Course in, 175.  
 Architecture, History of, 181.  
 Architecture, Theory of, 182.  
 Art, 211, 290.  
     entrance, 58.  
 Art Museums, 78.  
**ART, SCHOOL OF, 245.**  
**ARTS AND SCIENCES, COLLEGE OF, 88.**  
     Academic-Law Course, 99, 308.  
     Academic-Medical Course, 99, 334.  
     Admission to, 45, 47, 90.  
     Advanced admission credits, 91.  
     Amount of work, 91.  
     Attendance, 92.  
     Committees, 89.  
     Conditions, Removal of, 92.  
     Courses of Study, 95.  
     Courses, Outline of, 96, 98.  
     Examinations, 92.  
     Eligibility, 94.  
     Faculty, 88.  
     Fees and expenses, 118.  
     Grades, 92.  
     Instruction, Courses of, 100.  
     Pre-Medical Courses, 98, 334.  
     Probation, 94.  
     Registration, 90.  
     Scholarships, 65.  
     Scholarships, Forfeiture of, 69.  
     Special Students, 90.  
     Assistance, Student help, 84.  
     Astronomy, 100, 235.  
     Athletic Field, 17.  
     Athletics, 83.  
     Bacteriology, 298.  
     Baker Scholarships, 68, 85.  
     Battle Abbey Scholarships, 17, 68.  
     Bennett Loan Fund, 17, 86.  
     Biology, 100, 211, 290.  
         entrance, 56.  
     Board Scholarships, 67.  
         forfeiture of, 69.  
     Boiler Design, 141.  
     Botany, 100, 212.  
         entrance, 56.  
     Bridge and Struct. Engineering, 157, 291.  
     Bruenn, Bernard, 19.  
     Bryan, Mrs. W. J., 17.  
     Bryant, Mrs. Livia H., 18.  
     Buildings, 63.  
     Bulletins, The University, 81.  
     Business-Law Course, 308, 381.  
**BUSINESS ADMINISTRATION, COLLEGE OF COMMERCE AND, 372.**  
     Calendar, 7.  
     Callender, F. Walter, 16, 17.  
     Callender Laboratory, 240.  
     Callender Scholarship, 67.  
     Charity Hospital, 330.  
**CHEMICAL ENGINEERING, SCHOOL OF, 166.**  
     Chemical Eng. Course, 166.  
     Chemistry, 101, 128, 168, 213, 291.  
         entrance, 56.  
     City Scholarships, 66.  
         forfeiture of, 69.  
**CIVIL ENGINEERING, SCHOOL OF, 154.**  
     Civil Engineering Course, 155.  
     Classical Course, 96.  
     Classical Philology, 293.

- Class of '13 Fund, 18.
- Climatic conditions, 64.
- Clinical Instruction, 331.
- Commercial Law, 158.
- COMMERCE AND BUSINESS ADMINISTRATION, COLLEGE OF, 372.**
  - Admission to 49, 377.
  - Business-Law Course, 308, 381.
  - Certificates and Degree, 381.
  - Course of Study, 380.
  - Day Classes, 377.
  - Faculty, 372.
  - Fees, 378, 379.
  - Guarantors, Board of, 373.
  - Informal Talks, 377.
  - Night Classes, 377.
  - Registration, 380.
- Committees of University Faculty, 43.
- Conrad, Mrs. Charles A., 18.
- Construction and Office Practice, 177.
- Coubertin, Baron Pierre de, 73.
- Council, University, 43.
- Courses of Study—**
  - College of Arts and Sciences, 95.
  - College of Technology, 136, 154, 166, 175.
  - Newcomb College, 198-209.
  - Graduate Department, 289.
  - College of Law, 300, 311.
  - School of Medicine, 336.
  - Graduate School of Medicine, 351.
  - School of Dentistry, 361.
  - School of Pharmacy, 307.
  - College of Commerce and Business Administration, 380.
- Degrees, 70.
- Degrees Conferred, 1919, 448.
- Deiler, J. Hanno, 17.
- Delgado Memorial, 330.
- Dentistry, N O. College of, 15.
- DENTISTRY, SCHOOL OF, 354.**
  - Admission to, 48, 358.
  - Advanced Standing, 358.
  - Clinical Advantages, 357.
  - Conditions, Removal of, 359.
  - Dental Clinic, 357.
  - Examinations, 359.
  - Faculty, 354.
  - Fees, 362.
  - Grades, 359.
- Graduation, Requirements for, 360.
- Instruments, 360.
- Promotion, 359.
- Studies, Synopsis of, 361.
- Descriptive Geometry, 140.
- Design, 140.
- Diplomas, 72.
- Discipline, 83.
- Domestic Art, 275.
- Domestic Science, 274.
  - entrance, 60.
- Dormitories, 74, 80.
- Downman, R. H., 15.
- Drawing, 105, 140, 159, 172, 177.
  - entrance, 57.
- Economics, 105, 226, 294.
- Education, 215, 236, 238.
- Electrical Engineering, 295.
- Electrical Engineering Course, 137.
- English, 106, 128, 215, 295.
  - entrance, 49, 50.
- Examinations, entrance, time of, 45.
- Experimental Engineering, 146.
- EXTENSION COURSES, 382.**
- Eye, Ear, Nose and Throat Hospital, 350.
- Fees and Expenses—**
  - College of Arts and Sciences, 118.
  - College of Technology, 183.
  - Newcomb College, 193.
  - Graduate Department, 303.
  - College of Law, 308.
  - School of Medicine, 342.
  - Graduate School of Medicine, 352.
  - School of Dentistry, 362.
  - School of Pharmacy, 370.
  - College of Commerce and Business Administration, 378.
- Fellowships, 64.
- Forfeiture of Scholarships, 69.
- Forge Work, entrance, 58.
- Foundation, 9.
- Foundry Work, entrance, 58.
- French, 114, 180, 220, 301.
  - entrance, 53.
- French Opera House, 18.
- General Information, 63.
- Geology, 222.
- Geometry, entrance, 51, 52.
- German, entrance, 53.
- Gibson, Randall Lee, 11, 16.

**GRADUATE STUDIES, FACULTY**

- OF, 280.
- Admission to, 282.
- Committees, 281.
- Courses, 289.
- Degrees, 284.
- Faculty, 280.
- Fees and Expenses, 303.
- General Statement, 282.
- Graduation, Requirements for, 285

Greek, 102, 223, 294.

entrance, 52.

Gymnasium, 131.

Harmony, entrance, 58.

Harrod, Mrs. B. M., 19.

Harvard Scholarship, 67.

Heat Engineering, 145, 172.

Hebrew, 108, 296.

Hernsheim Scholarship, 67.

Historical Statement, 9.

History, 108, 224, 296.

entrance, 54.

Honor Scholarships, 66.

forfeiture of, 69.

Honor System, 83.

Hospitals, 330, 350.

Hospital Interns, 332.

**HOUSEHOLD ECONOMY, SCHOOL**

OF, 272.

Howard, Charles T., 11.

Huger Scholarship, 69.

Hutchinson, Alex. C., 16.

Hutchinson Memorial, 16, 329.

Hydraulic Engineering, 159.

Hygiene, 232.

Interns, Hospital, 332.

Irby, W. R., 15.

Italian, 115, 242.

Kinematics, 140.

Kohn Collection, 77.

Laboratories, 75.

Latin, 104, 226, 294.

entrance, 52.

Law-Academic Course, 99, 308.

Law-Business Course, 308, 381.

**LAW, COLLEGE OF, 304.**

Academic-Law Course, 99, 308.

Admission to, 49, 307.

Advanced standing, 308.

Business-Law Course, 308, 381.

Course of Study, 311.

Degrees, 310.

Expenses, 309.

Faculty, 304.

Fees, 308.

Four Year Course, 316.

Graduation, Requirements for, 310

History, of, 305.

Instruction, Scope of, 306.

Library, Donations to, 19.

Library, 74, 318.

Purpose, 305.

Special Students, 307.

Study, Methods of, 306.

Three Year Course, 307.

Libraries, 74.

Library, Donations to Law, 19.

Library Instruction, 228.

Linton-Surget Hall, 78.

Literary Course, 96.

Literary Societies, 82.

Location, 63.

McConnell, James, 11.

Machine Design, 141.

Machine Tool Practice, entrance, 58.

Mackie, Albert, 15.

MacKowan, Dr. J. C., 16.

Mathematics, 110, 129, 148, 229, 297.

**MECHANICAL AND ELECTRICAL  
ENGINEERING, SCHOOL**

OF, 136.

Mechanic Arts, 149.

Mechanical Engineering, 298.

Mechanical Engineering Course, 137.

Mechanics, 148.

Medals, 72.

Medical-Academic Course, 99, 334.

**MEDICINE, SCHOOL, OF, 320.**

Academic-Medical Course, 99, 334.

Admission to, 48, 333.

Advanced Standing, 335.

Buildings, 329.

Charity Hospital, 330.

Clinical Instruction, 331.

Clinics, 330.

Condition Examinations, 340.

Conditions, Removal of, 339.

Course of Study, 336.

Delgado Memorial, 330.

Dormitories, 78, 329.

Examinations, 336.

Extern Service, 332.

Faculty, 320.

Fees, 342.  
 Graduation, Requirements for, 341  
 Hospital Interns, 332.  
 Hutchinson Memorial, 329.  
 Instruction, Synopsis of, 336,  
 Libraries, 74, 329.  
 Milliken Memorial, 330.  
 Pre-Medical Courses, 98, 334.  
 Qualification Committees, 339.  
 Richardson Chem. Building, 329.  
 Richardson Memorial, 329.  
 Summer School of Medicine, 340.  
**MEDICINE, GRADUATE**  
**SCHOOL OF, 346.**  
 Admission to, 351.  
 Branches, Arrangement of, 351.  
 Certificates, 351.  
 Charity Hospital, 330.  
 Eye, Ear, Nose, and Throat Hos-  
 pital, 350.  
 Faculty, 346.  
 Fees, 352.  
 Hutchinson Memorial, 329.  
 Libraries, 74, 351.  
 Mental Diseases. Hospital for,  
 350.  
 Metz, Dr. A. L., 18.  
 Miles, Albert Baldwin, 16.  
 Miles, Miss Betty Beirne, 16.  
 Miles, Miss Margaret Linda, 16.  
 Milliken Memorial, 330.  
 Morris Scholarship, 68.  
 Municipal Engineering, 161.  
 Museums, 76, 78.  
 Music, 230.  
**MUSIC, SCHOOL OF, 256.**  
 Musical Appreciation, entrance, 59.  
 Musical Performance, entrance, 59.  
 Newcomb Alumnae Loan Fund, 85.  
**NEWCOMB COLLEGE, 185.**  
 Accredited Instructors, 190.  
 Admission to, 45, 47.  
 Advanced Standing, 209.  
 Art, Course in, 208.  
 Art, School of, 245.  
 Art Museum, 78.  
 Callender Laboratory, 240.  
 College Courses, 198.  
 Committees, 187.  
 Concerts and Recitals, 271.  
 Conditions, College, 191.  
 Conditions, Entrance, 190.  
 Conservatory Advantages, 271.

Degrees and Diplomas, 197.  
 Domestic Art, 275.  
 Domestic Science, 274.  
 Dormitories, 80.  
 Education, Course in, 200.  
 Examinations, Schedule of, 189.  
 Faculty, 185.  
 Fees and Expenses, 193.  
 Household Economy, Course in,  
 204.  
 Household Economy, School of,  
 272.  
 Instruction, Courses of, 211.  
 Medals, 72.  
 Music, Course in, 206.  
 Music, School of, 256.  
 Prizes, 72.  
 Psychological Clinic, 242.  
 Reports, 193.  
 Scholarships, 67.  
 Scholarships, Forfeiture of, 70.  
 Special Students, 210.  
 Studio Courses, 248, 259.  
 Newcomb, H. Dalton, 16.  
 Newcomb, Mrs. Josephine L., 13.  
 letter of, 14.  
 Newman, Mrs. Isidore, 19.  
 Night Classes, 377.  
 Odenheimer, Sigmund, 19.  
**Officers—**  
 of Instruction, 22.  
 of Administration, 41.  
 Ordway, John M., 17.  
 Ornament, History of, 181.  
 Painting, History of, 181.  
 Pathology, 298.  
 Peabody Fellowship, 64.  
 Peabody, George Foster, 17.  
 Pharmaceutical Laboratory, 366.  
 Pharmacy, entrance, 60.  
**PHARMACY, SCHOOL OF, 365.**  
 Admission to, 49, 366.  
 Advanced Standing, 367.  
 Course, Outline of, 369.  
 Courses of Study, 367.  
 Degrees, 366.  
 Examinations, 370.  
 Faculty, 365.  
 Fees, 370.  
 Graduation, Requirements for, 370  
 Pharmaceutical Laboratory, 366.  
 Prizes, 371.

Philosophy, 111, 231, 299.  
 Physical Education, 232.  
 Physical Training, 112, 130, 232.  
 Physics, 113, 132, 235, 299.  
     entrance, 56.  
 Physiography, entrance, 57.  
 Physiology, 212, 300.  
     entrance, 57.  
 Pokorny, David, 15.  
 Political Science, 110, 224.  
 Polyclinic, N. O., 14.  
 Power Plant, 136.  
 Pre-Medical Courses, 98, 334.  
 Prizes, 72, 371.  
 Psychology, 112, 236, 300.  
 Psychological Clinic, 242.  
 Public School Music, 264.  
 Railroad Engineering, 162.  
 Rausdell Loan Fund, 85.  
 Realization Day, 18.  
 Richardson Chair of Botany, 17.  
 Richardson, Mrs. Ida A., 15, 17.  
 Richardson Memorial, 16, 329.  
 Romance Languages, 114, 301.  
 S. A. C. W. Scholarships, 68.  
 Scholarships, 65.  
     Forfeiture of, 69.  
 Scholarships, Holders of, 441.  
 Scientific Course, 97.  
 Self-Help, 84.  
 Slocomb Scholarship, 67.  
 Sociology, 105, 294.  
 Spanish, 115, 242.  
     entrance, 53.  
 Special Students—  
     in Arts and Sciences, 90.  
     in Technology, 122.  
     in Newcomb College, 210.  
     in College of Law, 307.  
 Stadium, 18.  
 Stanley Thomas Hall, 17.  
 State Scholarships, 65.  
     Forfeiture of, 69.  
 Steam Boiler Design, 141.  
 Steam Engine Design, 141.  
 Student Organizations, 82.  
 Students—  
     Catalogue of, 386.  
     Summary of, 445.  
 Students' Aid Fund, 84.  
 Studio Courses, 248, 259.

Sugar Engineering, 166.  
 Summer Schools, 340, 383.  
 Surveying, 163.  
 Symbols, 138.  
 Teachers, Courses for, 382.  
 Teachers, Free Tuition for, 69.  
 Teaching Fellowships, 65.  
**TECHNOLOGY, COLLEGE OF, 120.**  
     Admission to, 45, 47, 122.  
     Advanced Admission Credits 123.  
     Architecture, Course in, 175.  
     Attendance, 123.  
     Chemical Eng. Course, 166.  
     Civil Engineering Course, 154.  
     College Organization, 126.  
     Committees, 121.  
     Conditions, Removal of, 124.  
     Courses, General, 128.  
     Eligibility, 126.  
     Examinations, 123.  
     Faculty, 120.  
     Fees and Expenses, 183.  
     Grades, 123.  
     Lecturers, 121.  
     Mech.-Electrical Eng. Course, 136.  
     Probation, 126.  
     Registration, 122.  
     Scholarships, 65.  
     Scholarships, Forfeiture of, 69.  
     Special Students, 122.  
 Tenbroeck, Richard, 16.  
 Theses, 283, 287.  
 Thomas Hall, 17.  
 Thomas, Stanley O., 17.  
 Tilton, Mrs. Caroline S., 16.  
 Tilton Memorial Library, 16.  
 Trigonometry, entrance, 52.  
 Tulane, Paul, letter of, 11.  
 Tulane Scholarship, 67.  
 U. D. C. Scholarships, 68.  
 United Fruit Co., 15.  
 University Bulletins, 81.  
 University Council, 43.  
 University Press, 82.  
 Vincent, Wm. G., 19.  
 War Service, 20.  
 Weis Loan Scholarships, 85.  
 Wetmore Scholarship, 67.  
 Williams, Frank B., 18.  
 Woodward, Dr. Watson D., 18.  
 Wood-working, entrance, 57.  
 Young Men's Christian Ass'n, 84.  
 Young Women's Christian Ass'n, 84.  
 Zemurray, Samuel, 19.  
 Zoology, 117, 212.  
     entrance, 56.





